The CANADIAN ROSE ANNUAL

1991

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Ethel Freeman

EDITOR

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EDITOR'S NOTEBOOK

One of the big events in the rose world in 1991 was ROSE EMERALD in Belfast, Northern Ireland. To bring you just a taste of it, the 1991 Annual includes two of its most interesting lectures. They are diametrically opposed in content and style - one a romantic recitation of the history of roses in Ireland, by Dr. E. Charles Nelson of the National Botanic Gardens, and the other an exciting presentation by Dr. Naftaly Zieslin of the University of Jerusalem, in laymen's terms, of some of the most current scientific research being done on roses. Taken together, they illustrate how there is always something in the rose world to suit everyone's taste.

Malcolm Manners of Florida Southern College has written an interesting article on root grafting. And, with everyone ever more conscious about the environment, many of us find ourselves more cautious and on the defensive about spraying our roses. At look at possible solutions is presented by Dr. John Chiment of Cornell University and Dr. Gordon Holcomb of Louisiana State University.

Artistic design with roses is a topic onto itself, covered in depth from different angles by Pearl Wilby and Eileen Ouellette. Both are consistent winners in the Decorative Sections of shows and have much to teach us.

And last, but not least, information about new roses interests us all. We bring you an update on the "Explorer" series by Dr. Ian Ogilvie, and your first look at a beautiful rose named in honour of a beautiful lady, 'Audrey Meiklejohn'. To complete the picture, The Clearing House is produced once again, in splendid fashion, by Audrey Brisbane and Rachel Flood. Our biggest debt of all is owed to them for the wonderful work they do.

Thank yous also go to White Rose Nurseries, Sheridan Nurseries and Dr. Ogilvie for the colour photographs and to Elizabeth Schleicher for the pictures of the 1991 National Show.

As you may know, it is the technical aspects of roses and rose growing which interest me the most. Some people belong to the CRS so that they can exhibit. I belong so that I have acess to the experts and to the latest, most complete information on roses. This year the Annual is "my kind of Annual". I hope you enjoy it as much as I do.

Ethel Freeman

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of
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and its predecessor

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1934-35	Mr. P.L. Whytock
1936-37	Mr. A.J. Webster
1938-39	Mr. P.L. Whytock
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1986-87	Mr. James Anderson
1988-89	Mr. Cecil Lamrock
1990-91	Mr. Paul Graber

CANADIAN ROSE SOCIETY
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(Chairman: Gib Whittamore, R.R.1, Markham, Ontario L3P 3J2)

Meryl Mathews	1119 Columbia St. Kamloops, B.C. V2C 2W3	604-372-5415
Bill Meagher	11445 - 207 A St. Maple Ridge, B.C. V2X 0C7	604-465-7886
Colin Pearson	559 Rochester Ave. Coquitlam, B.C. V3K 2V3	604-939-4878
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A. Meiklejohn	135 Bombay Ave. Toronto, Ont. M3H 1C5	416-633-9195
Meredith Miller	651 Walkerfield Ave. Peterborough, Ont. K9J 4W1	705-745-5128
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CANADIAN PUBLIC ROSE GARDENS

British Columbia		
	University of B.C.	Vancouver
	Queen Elizabeth Park	Vancouver
	Bloedel Conservatory	Vancouver
	Stanley Park	Vancouver
	Park & Telford	Vancouver
	Butchart Gardens	Victoria
Manitoba		
	Assinaboine Park	Winnipeg
	Agriculture Canada Station	Morden
Ontario		
	Horticultural Society Arboretum	Barrie
	Royal Botanical Garden	Burlington
	Nelson Park - New Street	Burlington
	Central Park - New Street	Burlington
	Victoria Park Restaurant	Niagara Falls
	Niagara Park, School of Hort.	Niagara Falls
	Chippawa Park	Welland
	Edwards Gardens	Toronto
	Canadian National Exhibition	Toronto
	St. Lawrence ParksCommission	Morrisburg
	University of Guelph, Arboretum	Guelph
Quebec		
	Montreal Botanical Garden	Montreal
	Connaught Rose Garden	Mount Royal
	City of Montreal Rose Garden Island	St. Helen's
	Le Floralis Rose Garden Island	St. Helen's
	Agriculture Canada Station	L'Assomption
Nova Scotia		
	Historic Gardens	Annapolis Royal
	Halifax Public Gardens	Halifax

PRESIDENT'S MESSAGE

Another summer has come and gone, and what an unusual one it has been. It was the earliest and best one for us in the East and the worst one for British Columbia, where the constant rain and lack of sun made it necessary to cancel their Rose Show. We in Toronto have had three successive mild winters. Is this the one that is going to hit us hard? When in doubt, cover your roses well.

For me, it has been an eventful year, with my first grandchild born in July while we were in Belfast, and then my only daughter married in British Columbia this Fall, surrounded by their beautiful Fall roses. We enjoyed the best trip to the U.K. that we have ever had. The pre-convention tour through England and Scotland included ten rose gardens at the peak of bloom. Then we went over to Belfast and saw Lady Dickson Park, always a great garden, looking better than we have ever seen it.

There was the joy and pleasure of meeting rosarians from all over the world - from Australia to Zimbabwe, as well as getting to know our own Western rosarians better. We enjoyed learning more about roses grown in all parts of the world - from Norway to India. The only down side was returning home and realizing that in Toronto we will never be able to grow roses the size or with the quantity of bloom that we saw in the U.K. It was great to hear people praise 'Agnes', 'Therese Bugnet' and 'John Cabot'. Even if they did not know that these were Canadian hybridized roses, they knew they were the ones they could grow and enjoy.

Let's continue to spread the word about roses, to grow and share them through Shows, meetings and in any way we can. Let's keep our Society strong, active and answerable to your needs. Send in your membership for 1992. Enrol a friend. Let us know what services you want us to provide. Volunteer to help. Write and article for The Rosarian or The Annual. Tell us about your experiences with roses. Participate.

In closing, I want to express my thanks to the Board of Directors, the Honourary and Regional Directors, the Demonstration Gardeners, to all those who participate in the Clearing House and to each of you who belong to the Society. You are what makes this Society work, and as long as you continue to participate, we will continue to go forward.

Paul Graber

MINUTES OF THE ANNUAL MEETING OF THE CANADIAN ROSE SOCIETY

Held on Sunday, March 24, 1991 at 2:15 P.M.
Civic Garden Centre, Toronto

There being a quorum of twenty-five members present, the President, Paul Graber, called the meeting to order.

Flicka Elliott moved and Claire Finch seconded that the Minutes of the previous meeting of March 18, 1990 be accepted as published in the 1990 Annual. Carried.

President's Report: The President, Paul Graber, read his Annual report. The report follows.

Treasurer's Report: The Treasurer, William Dunn, presented the financial report, a copy of which is available, upon request, from the Secretary. William Dunn moved, seconded by Jim Anderson, the adoption of the financial statement, as read. Carried.

Nominating Committee: The Chairman, Cecil Lamrock, submitted the following nominations for a one-year term to the Board of Directors:

James Anderson	Richard Chambers	Janeth Cooper
William Dunn	Claire Finch	Ethel Freeman
Paul Graber	Cecil Lamrock	Keith Laver
Ross Linton	George Pagowski	Doreen Stanton
Gerald Wade	Philip G. Webster	Gilbert Whittamore

Cecil Lamrock moved, seconded by Audrey Meiklejohn, that the slate of officers be adopted as nominated. Carried.

Cecil Lamrock moved, seconded by Ross Linton, that Paul Smith be appointed as our Auditor for the current year. Carried.

Paul Graber then presented Cecil Lamrock with a Past-President's pin and thanked him for his two years of service to the Society and for his constant help to him in his first year as President. He commented on what a difference Cec's tireless work made in making the Society a more friendly place to newcomers and others.

Jim Anderson gave details of the Rose Sale, which will be held on Saturday, April 27, 1991. He asked for volunteers, and then he moved a vote of thanks to the following nurseries who contributed to the Sale: Springwood Miniature Roses, Sheridan Nurseries, Pickering Nursery, Carl Pallek & Son, White Rose Nurseries, Weall & Cullen, Hortico Inc. and Spring Garden Nursery.

Ethel Freeman gave a report on the trip to Belfast for the W.F.R.S. Convention. At this time, thirty-five to forty Canadians are planning to attend.

Adjournment: Ross Linton moved that the meeting be adjourned at 3:00 P.M.. Carried.

ANNUAL MEETING - PRESIDENT'S REPORT

It is my job this afternoon to give you a report on your Society's activities over the last year. Your Presidents in the past have been more used to wearing a shirt and tie and doing this kind of thing than I. I'm more at home in coveralls, out in my garden talking to you one at a time. But here goes!

My main goal last March, when I became President, was to try and change the perception of this Society from being a Toronto organization to being a truly National organization. To do this we have tried to open communication with members across Canada, both individually and through their local societies, to ask for their input and to listen to what they want from their national society. It is a slow process and will take time. But with the help of Gerry Walker and *The Rosarian*, we might succeed. Gerry has been doing this quietly for years. At least we have taken a few tentative steps down this road.

As of 1990, your Board of Directors was streamlined to fifteen members. During the process we lost some valuable people. To remedy this , at the April 1990 Board Meeting, we appointed Mary Baillie, Bill Brennand, Sheila Jupp, June Laver, Audrey Meiklejohn and Gerry Walker as Honourary Directors. No organization can afford to lose people of this calibre. We wanted to be able to call on their expertise, and we have continued to do so. I thank them for their help.

The Rose Sale each April has become our main source of revenue, thanks to Jim Anderson's hard work. It has replaced the Rose Show as our money-making venture. I want to express our gratitude to Jim and to the many others who help him. This includes the Lavers, who provide us with the space and the wherewithal to pot up the roses, and also the nurseries who generously support this sale. Remember them when you shop for your

roses. You will find their ads in *The Rosarian.*

Our National Rose Show was held in Toronto on June 23, 1990, hosted by the York Rose & Garden Society. Doreen Stanton was Show Chairman, and she was ably assisted by Richard Chambers. Patricia Cook and Ethel Freeman re-designed the set up of the Floral Hall, and it looked very festive when the doors opened. I was concerned when, on June 15th, a full week before the Show, all the roses in the area seemed to be in bloom. However, on the day of the Show, beautiful roses appeared on the tables, as usual. We owe a big thank you to all the York and CRS members who always seem to come through and make it a great show.

On July 14th, we had a rainy day for the Open House at Springwood Nurseries. The rain did not deter the people though, and we had members come from all over Ontario to enjoy Keith's greenhouses, buy miniature roses, greet old friends and make new ones. Some of them even got out between the showers to see next year's miniatures in their display beds. Once again, we owe a debt of gratitude to Keith and June Laver for their constant support, both moral and financial.

Doreen Stanton looked after our Special Events with her usual enthusiasm. This year we participated at the Ontario Horticultural Convention in June and at the Royal Winter Fair. Cec Lamrock made an attractive miniature garden as part of our exhibit at both events, with the help of Keith Laver's miniature roses and Humber Nursery's evergreens.

Our Fall Meeting on September 23rd featured a series of Round Table Discussions on different topics: planting roses, spraying and fertilizing, propagation, winter protection and exhibiting. All the Directors helped out, and I believe our members enjoyed the different format. Somehow, it seemed easier to ask questions in the smaller groups.

Patricia Cook and Jan Cooper organized the CRS Photo Contest again this year. They added some new classes and they had some lovely slides from which to choose the winners. These were shown to the local members at a York Rose & Garden Society meeting this past winter, and are available from the CRS Slide Library through Ross Linton.

Our 1990 *Annual* was in the mail in late December, thanks to Ethel Freeman's persistent work. This was Ethel's fifth *Annual*, and I hope we can persuade her to continue her editorship with your help. Ethel not only manages to get it out on time, but at a reasonable cost.

Thank you is also due to Rachel Flood and Audrey Brisbane, who continue to produce the "Clearing House" for the *Annual* year after year. Many people tell me it is the first part they turn to when they receive their *Annual*, and it is also the part they go back to most often. They need more contributors, so keep notes this summer as you enjoy your roses and then you can easily write up your reports in the Fall.

I want to say a special thank you to Gerry Walker and to his wife Frances for getting out *The Rosarian* year after year. It is always interesting,

different and informative. This summer we went to the smaller format in order to conform to the Post Office's new size regulations and to save 17 cents on each issue - a total of $360.00 a year.

In June, our Secretary, Dianne Lask, resigned and Anne took over on a temporary basis. It looks like she is going to have to keep the job. We thank Dianne for her years of service.

Our Society is very blessed with many people who quietly do their jobs, year after year. I have already mentioned some of them, but I also want to thank our Treasurer, Bill Dunn, who keeps our books in order, attends every function we have and even conducts most of our raffles. And I want to thank our Auditor, Paul Smith, for making sure we are doing it all correctly.

I want to express my appreciation to Claire Finch, who manages to publicize each event as it comes up, and to Gib Whittamore, who keeps adding new gardens to our Demonstration Garden list. Last year he also started a list of public and private gardens that we can visit across Canada. If you know of any other gardens that should be added to his list, drop Gib a note and tell him about them.

There are so many people whose work for this Society is not praised often enough - Ross Linton looks after our Slide Library and provides slide programmes to various rose and horticultural societies. With the help of Ted Stanton, he is looking at the possibility of making videos on rose growing and rose arranging George Pagowski is working hard on this year's National Rose Show, to make it something special as part of the Royal Botanical Gardens' 50th Anniversary celebration in Hamilton. Information about the Show and the Lecture programme were in your Spring *The Rosarian*. This should be an exceptional event. And finally, thanks to Gerry Wade, Phil Webster and Richard Chambers. Each of them turns out and helps at every event.

We need all the help we can get with only fifteen Board members. It is interesting that I find, as so many have before me, that the more you put into an activity, the more you get out of it. So, volunteer! Come and help us!

We lost three long time friends of the Society this year. On behalf of you all, I extend our sympathies to the families of Sheila Jupp, Bill Comper and Walter Lyzaniwsky.

Looking ahead, we have recently learned of three new rose societies that were formed: one in St. Lambert, Quebec, one in Coquitlam, B.C. and one in Victoria, B.C. It is reassuring to learn of the formation of more societies devoted to the Rose. It is these local societies that do the best job in bringing people to roses and we, as a national society, should be trying to assist them in every way possible.

A good number of Canadians, from Halifax to Victoria, will be going to Belfast for the World Federation of Rose Societies Convention in

July. I hope you will be among them. It is an opportunity not to be missed.

I close with a request to each of you to bring in one more member to our Society. We always seem to harp on numbers, but members are the backbone of our Society and without them we cease to exist. Write or phone me to let me know what else we should be doing to improve and we will try. Thank you.

Paul Graber
President

1991 NATIONAL ROSE SHOW

by George Pagowski

The National Rose Show was staged by the Hamilton and Burlington Rose Society, at the Royal Botanical Gardens, Hamilton, Ontario, on June 22 and June 23, 1991. The host society had requested the honour of staging the show as part of the RBG's 50th Anniversary celebrations. (The Act establishing the Royal Botanical Gardens was enacted by the Legislature of Ontario in April, 1941). The Hamilton and Burlington Rose Society has enjoyed a harmonious relationship with the Gardens, since it was established in 1957, with the assistance of RBG staff. With a few exceptions, its own Annual Rose Show has been staged at RBG for over thirty years.

Facilities for staging a show at RBG Centre are really quite superior. The preparation area has proved of adequate size on most occasions, with comfortable unloading facilities for exhibitors, etc. Since the building is air-conditioned and cold storage was available, many host society members took advantage of this by placing their specimen entries on Friday evening. This had been requested by the show organizers, so that the preparation area would be free on Saturday morning for the expected influx of out-of-town exhibitors. Some of these latter twenty-six exhibitors travelled over 200 kilometres to show their blooms.

At some time or another, almost everyone has heard: "If only you had been here last week, when the roses were at their peak!" Indeed, this was heard constantly during the week before the show, for spring arrived in Southern Ontario about two weeks ahead of schedule. The first dead heading was performed on the roses in the Centennial Rose Garden some days before the Show. It would appear, however, that some competitors, having foreseen the possible shortage, cut and stored their blooms in refrigerators. (There is a long standing tradition, that keen rosarians do not eat during the week before a show. There are also unconfirmed reports that sales at local fast food outlets are substantially increased in mid June.)

In spite of the expected flurry of activity in the preparation area on Saturday morning, the opinion was offered that there were more judges than competitors present. This fear turned out to be groundless, for when the registrations were counted, eighty-one competitors had placed 780 entries. As expected, the 199 large-flowered (Hybrid Tea) specimens were down in number from previous years. However, with the greatly increased number of entries in the cluster-flowered (Floribunda), climber and miniature classes, the show tables were well filled and colourful. The quality of the flowers was also very good, under the circumstances. The blooms held up well for both Show days, and very few had to be discarded before the end-of-show auction.

The Show Hall before the Official Opening

Official Opening — (from left to right): Ray Hopkins, President - Hamilton & Burlington Rose Society; George Pagowski, Show Chairman; Paul Graber, President - CRS; Don Granger, President - RBG; Allen Paterson, Director - RBG.

When reviewing the wording and format of the Show schedule, the committee decided that keepsakes should be awarded to the winners in the National Trophy classes, to balance the "keepers" which have been offered in Hamilton and Burlington Rose Society shows for many years. Perhaps this was not adequately advertised, resulting in the disappointing number of entries in the National Trophy classes. It was particularly embarrassing for the host society to be awarded first prize in the Special Class for Affiliated Societies because it was the only entry in that class.

The judges having reached their verdict, there assembled to open the Show at 2:00 p.m.: Messrs. Don Granger, President of the Board of Directors of the RBG; Allen P. Paterson, Garden's Director; Paul Graber, CRS President; Ray Hopkins, Host Society President and George Pagowski, Show Chairman. Following their words of welcome, these gentlemen presented some of the major trophies to the winners.

It was most pleasant to meet in person, people known only as names and rosarians met infrequently: Alice Chambers of Halifax and Betty and Joe Budd of Quebec, among others. When not busy making friends, Show participants visited the RBG rose garden, in full bloom, and inspected the commercial exhibits in the foyer. Wilson Laboratories and Safer Agro-Chemicals Ltd. showed their environmentally friendly products, So-Green displayed their new 'Rosefood Plus'. Roses were displayed by V. Kraus Nurseries, Carl Pallek and Son, Bruce Rennie Miniature Roses and Hortico Inc. To these firms, and the many others who contributed prizes to the hourly draws, we offer our sincere thanks. And to the individuals who involved themselves in the planning, set up, participation and clean up of the Show: your help is gratefully acknowledged.

The Following are the Trophy Winners of the 1991 National Show:

TROPHY	VARIETY	WINNER
Three Specimen Hybrid Tea Blooms **W.J. Keenan Bowl**		Pierrette Vallis
Five Specimen Hybrid Tea Blooms **Paul B. Saunders Trophy**		no entries
Three Floribunda Blooms Different Varieties **P.L. Whytock Trophy**		Claire Finch

The Trophy Table
(CRS Trophies in the Foreground)

George Pagowski
Show Chairman

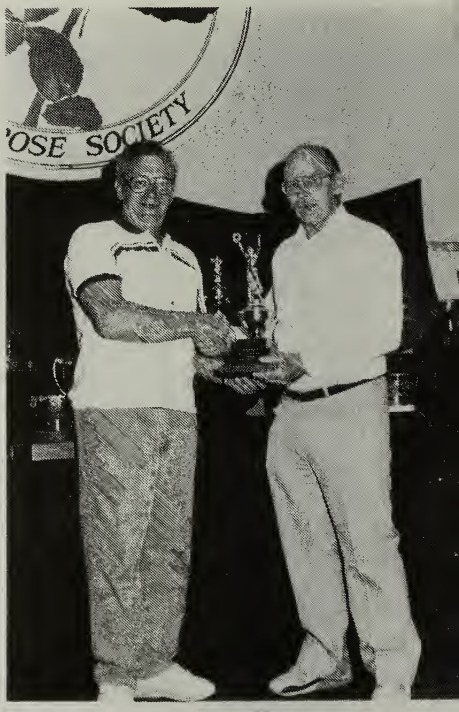
Three Stems/Sprays of any Climbing Roses **H.M. Eddie Trophy**		Audrey Meikljohn
One Specimen Bloom or Spray of any Rose originating in Canada **F. Blakeney Trophy**	Canadian White Star	G.&K. Wade
English Box of Six Hybrid Teas/Grandifloras **S. McGredy & Sons Cup**		Kieth Spencer
Twelve Different Specimen Miniature Blooms **K.G. Laver Trophy**		Linda Low
12 HT &/or Gr &/or HP Specimen Blooms from 2 or more gardens of members of an Affiliated Society		Hamilton & Burlington Rose Soc

Other major winners were:

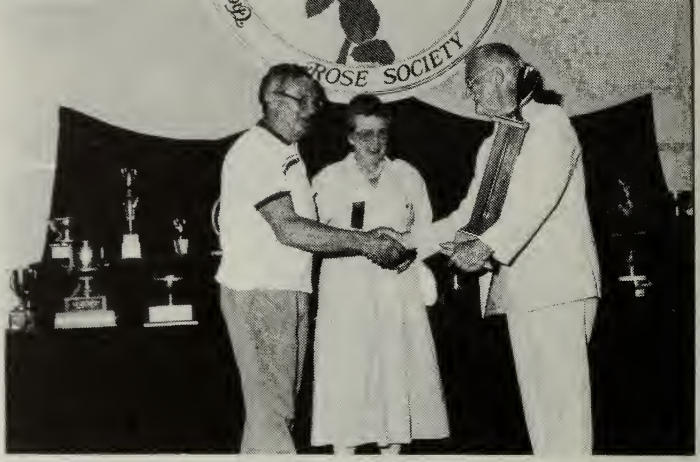
CATEGORY	VARIETY	WINNER
Queen of Show	Dolly Parton	Sandra Capon
Prince of Show	Elina	Phil Webster
Princess of Show	Bride's Dream	Elaine Sparrow
Best White Rose	Cdn White Star	J & K Wade
Best Pink Rose	Bride's Dream	Elaine Sparrow
Best Yellow Rose	Elina	Phil Webster
Best Org Rose	World Rose	R. Pattison
Best Red Rose	Dolly Parton	Sandra Capon
Best Mauve Rose	Siver Star	Ann Cochren
Best Rose Box		Ray Hopkins
Best Rose Bowl		Eleanor Hopkins
Best Cycle of Bloom		Keith Spencer
Best Unnamed Seedling		Joyce Fleming
Best Floribunda	Hedge Fire	Audrey Meiklejohn
Best Grandiflora	Prima Donna	Claire Finch
Best Climber	Altissimo	A & P Graber
Most Fragrant	Papa Meilland	Marvin Balfour
Best Old Garden	Rose Bouquet	A & P Graber

Sandra Capon wins Queen of Show with 'Dolly Parton'

Gerry Wade accepts the Blakeney Trophy from Paul Graber



Mini Queen	Magic Carrousel	A & P Graber
Mini Prince	Jean Kenneally	Claire Finch
Mini Princess	Apricot Doll	Sandra Capon
Best 3 Minis		Cec Lamrock
Best Mini Palette		Sandra Capon
Best Mini English Box		Bob Bryant
Best Mini Floating Rose		Dora Mackay
Best Mini Design		Dora Mackay
Best Decorative Design		Joan Creighton
Highest Score-Design		Wendy Downing
Senior Sweepstakes		Anne Graber
Junior Sweepstakes		Chris Muha



Phil Webster accepts Prince of Show from Ray Hopkins

Joyce Fleming (centre) accepts Best Unnamed Seedling Trophy from donors Doris and Julius Muha

Keith Spencer auctions the show blooms

Rosa x hibernica
John Templeton's illustration of the Irish rose
(1802)

1 *Calyx equally common as 2.* 3 *Petal.* 4 *Stamen with an anther.* 5 *same magnified.* 6 *the Fruit.*

'The red-rose bordered hem of her' - Ireland and roses.

by Dr. E. Charles Nelson
National Botanic Gardens, Glasnevin, Dublin 9
Republic of Ireland

[This is an edited transcript of an invited paper read on Friday 19 July 1991 at Rose Emerald 1991 in The Queen's University, Belfast, Northern Ireland.]

Red rose, proud rose, sad rose of all my days
Come near me, while I sing the ancient ways.
{W. B. Yeats: 'To the rose upon the rood of time'}

Fourteen species of *Rosa* are listed as native in Ireland, and there is a suite of complicated, obscure (indeed taxonomically difficult) hybrids, including *Rosa x hibernica* which is the only rose deserving the title "Irish Rose". Roses fill hedgerows and occur in such diverse habitats as sand dunes, woodlands, and limestone pavements - the burnet rose, *Rosa pimpinellifolia*, is one of the great joys of the bleak rockscape of The Burren, County Clare, in western Ireland where it blossoms in shades of white and creams and pinks.

Roses in Irish life

Native Irish species have small, ephemeral flowers, so roses were not at first valued for their beauty. They had mundane uses although none that is recorded from Ireland is unique to the island as far as I am aware. Wild (and later cultivated) roses have been for centuries sources of medicines; indeed the name dog rose, *Rosa canina*, merely is a translation of the original Greek name *cynorrodon*, the rose of the dog, which was bestowed because, according to legend, a soldier bitten by a dog cured himself of hydrophobia with its root. Roses were employed as an accompaniment to make medicines more palatable; Dr. Caleb Threlkeld, author of the first Irish flora, recommended the fruit of the common wild rose - 'in a conserve [it] makes a good vehicle for other medicaments.' As for the sweet briar, he repeated that '... the pulp of the hips has a pleasant tartness, strengthens the stomach, cools the heat of fevers, good for coughs, spitting of blood and scurvy.' According to Threlkeld the hips of *Rosa pimpinellifolia* have the 'vertues of the other wild roses.'

Hips were collected also as food - although not very palatable, they can be used to make conserves and rose-hip syrup. The Quaker naturalist,

Dr John Rutty, in the late eighteenth century, noted that the fruits of burnet rose were squashed and the juice, diluted with water, yielded a dye that turned muslin and silk a peach colour or, with alum as a mordant, a deep violet - it would not dye linen or wool.

Roses in Irish gardens before 19th century

The small number of native roses has been augmented by uncounted exotic rose species, hybrids and cultivars, imported by gardeners. We do not know when the first exotic roses were cultivated in Ireland, but we can make some informed guesses. Religious orders from Europe arrived in Ireland to establish monasteries during the late twelfth century, and it is most probable that the monks brought the skills of cultivation and propagation required to perpetuate selected roses, and they probably brought rose cultivars too. Thus monastic gardens were the earliest well-organized gardens in Ireland, and the first flower gardens. By the thirteenth century, physic gardens (for medicinal herbs) must have existed in the grounds of well-established monasteries such as Mellifont; monastic communities usually had a physician who tended a garden of herbs, including roses. Moreover, by this era, a few beautiful flowers were grown for decorating churches on great festivals, especially those of the Virgin Mary; popular flowers included lilies and roses -

... et Rosa, purpureo vestita rubore decenter
vernans est horti gloria, lateus honos.

The rose, fitly clad in blushing purple,
the glory and glad honour of the garden when in bloom.
{Walahfrid Strabo, 'Hortulus'}

In European tradition roses and lilies acquired roles as symbols of faith:

Christ by His holy word and life sanctified
The pleasant lily; dying
He gave its colour to the rose.
{Walahfrid Strabo, 'Hortulus'}

Indirect evidence for the cultivation of roses in Ireland during the fourteen century is found in property deeds; some deeds mention chaplets of roses and single rose flowers (including individual red rose blossoms) as rent for land. The flowers were usually handed over on the feast of the Nativity of St John the Baptist, and it is inconceivable that such short-lived blossoms were not grown specially for the purpose. Elias de Mullon granted to Joan de Guchelesford and her heirs, for ever, ten marks out of all his land in Ireland, rendering a rose. Roses were given in like manner to root ginger,

peppercorns, cummin and cloves.

From the poem of Master John Gardener, the principal manuscript of which was written in Ireland probably in County Kildare at the end of the fourteenth century, we learn about roses and grafting

Red rose, white rose, hollyhock and pimpernel
All those herbs by Saint Michael
Must been set in the mount of April

The deeds of the University of Dublin (The College of the Holy and Undivided Trinity, founded in 1592) contain references to the cultivation of sweet-smelling plants - roses and lavender are singled out. Harry Holland leased a garden from the college and had to 'set and plant [it] with some herbs', in part payment of the rent. Holland was obliged to give the College half of 'all the herbs that grow, lavender, roses, fruit of the trees.' An early map of the college shows knot-gardens on the campus, perhaps with bowers of roses, so Holland seems to have performed his obligations well.

By the mid-1600s roses were being imported into Ireland and grafted here in quantity. At that period, the only rose cultivars available were short-season plants that blossomed once during summer, although by judicious pruning gardeners might manage to get bushes to produce a second, lesser flush of flowers in autumn. An exchange of letters between England and Ireland gives accounts of some of these techniques. 'An honorable person' wrote to Samuel Hartlib in April 1654:

> 'Upon the way from Youghal to Dublin I had an occasion to oblige an ingenious Gentleman, who hath been a great traveller in the Eastern Countrys of the world and came some years since to settle himselfe in Ireland where he had made himself eminent for Husbandry, in which I hope to be much improved... One curiosity he hath practised which may not be altogether unworthy your notice, and that is a way to have roses twice a year which he performed by pruning off divers of the branches upon which the roses grow as soone as ever they are gathered and then the same places will shoot forth fresh branches and roses too about autumn.'

Hartlib must have told Benjamin Worsley, an army physician, about this, for Worsley wrote to Hartlib on 28 June 1654:

> 'Beside what you speeke of Roses bearing twice a year, there is a species of Roses call'd the Monthly Rose that beares all the years... I have had 2 or 3 very good experiments communicated to me about the Husbandry of Roses which I shall communicate to you as I find the success of them.'

True to his word Worsley later wrote - with remarkable prescience - that roses were the plants 'I the soonest of any expect advantage from in this country where they are as yet scarce enough' - he himself had imported

thousands of young sets.

Roses remained in favour through the eighteenth century, but few garden records listing plants have survived for the period. One interesting set of plans for a garden in the northern part of Ireland does survive - the English poet and landscape gardener, Joseph Spence, recommended to Dean Paul, for his Glebe House near Cootehill in 1763, that

> 'The ... ground should be planted with studs of roses, honeysuckles, & Jessamines &c. - hear a Damask-rose with 2 Jessamine there, A Province, with a couple of white Meserions: a Cabbage rose, with 2 Dutch honeysuckles, in a third part, & a Moss-Rose, alone, in a fourth: & so on, with as much variety as can be. This Variety might be greatly helped by planting one of the forenam'd red Roses (Damask, Provence, Cabbage, or Moss) with a white rose, in one studd; two whites with a red, in another: & two reds with a white in a third - The same alternatives might be practis'd with the Munday-Rose; & with the Yellow rose, if you can get ones...'

These roses were surrounded by lawns of wildflowers, and beyond shrubberies of rowan, *Arbutus*, larch and cherry.

Roses in Irish botanic gardens

When the Dublin Society's Botanic Gardens at Glasnevin (now the National Botanic Gardens) was opened in 1800, roses were on display in profusion; the 1804 catalogue contained eighty different species, cultivars and primary hybrids - *Rosa x hibernica* (see below), and the newly introduced Chinese rose, Macartney's rose, *Rosa bracteata* (see below), were at Glasnevin in 1804.

In Cork a botanical garden was formed in 1809 and a Scottish horticulturist, James Drummond, was appointed curator. Evidently Drummond was a keen cultivator of roses and sent several to the Horticultural Society's garden in London - two of Drummond's roses were formally described and named (*Rosa dicksonii* (named for James Dickson one of the founders of the Horticultural Society), and *Rosa alpina* 'Speciosa' or Drummond's thornless rose). The histories of the Cork plants are obscure but it is said that *Rosa dicksonii* had reached Cork through the Botanic Gardens at Glasnevin, and that it had been received there from James Lee of Hammersmith in London.

Rosa x hibernica was discovered by eagle-eyed Belfast botanist John Templeton about 1795, growing beside the road to Holywood, a few miles west of Belfast. He noticed that the hips were pear-shaped, and very dark red, not at all like the scarlet hips of *Rosa canina*, nor the black ones of *Rosa pimpinellifolia*. Templeton believed that he had discovered a new species, and in 1802 described and named it. *Rosa x hibernica* survived at Holywood until 1966 when, to preserve it, the last wild plant was rescued and brought to the Experimental Garden of the Department of Botany in

Queen's University - a few years ago the same plant was 'rescued' again, and now is in Belfast Botanic Gardens Park. However, *Rosa x hibernica* has been in cultivation for almost two centuries - Templeton grew it in his own garden at Malone in Belfast. Among others, Lady Moore had it in Dublin during the 1940s and 1950s, and Sir John Ross-of-Bladensburg planted this Irish hybrid at Rostrevor in the early 1920s. The plant - in its original form - is now extinct in the wild and its only chance of survival is as a garden plant.

Roses and Irish botanical collectors

Apart from growing roses and breeding new cultivars, a major contribution that Irish men and women have made to roses in cultivation was through their work as botanical collectors overseas.

In 1792, Lord Macartney and Sir George Staunton were commanded by King George III to undertake a diplomatic mission to China to the court of Emperor Qianlong; Macartney was from Lissanure near Antrim (and was dubbed 'one of the bog-gentry of northern Ireland') whereas Staunton came from Galway. The embassy was a diplomatic fiasco, but the horticultural results were exciting. Macartney and Staunton returned from China with seeds of, among other plants, the plume poppy (*Macleaya cordata*) and of a new rose which later was named *Rosa bracteata* - for a short period it was popularly known as Staunton's rose but soon the name changed to Macartney's rose. Staunton and Macartney probably also introduced to England the rose called 'Parson's Pink China' which may be identical with 'Old Blush' (see below).

Almost one century later in 1880, Dr. Augustine Henry from Portglenone, went to China as a medical officer in the Imperial Maritime Customs Service. He spent his spare time plant-hunting in the hills about Yichang on the River Yangtze. Henry discovered many new genera and species, including the eponymous *Rosa henryi* (a white-blossomed scrambling rose - I recently raised some seedlings of this and hope to distribute them to suitable gardens). Henry's most significant contribution was perhaps the discovery of the 'wild type' of *Rosa chinensis*, believed to be one of the parents of the long-blooming series of roses, indeed of modern roses. Likewise he found the single, five-petalled form of the Banksian rose, *Rosa banksiae* var. *spontanea*, in the wild.

Another Irish collector in China was Father Hugh Scallan OSF, a Franciscan missionary who was born in Rathmines, Dublin. Pater Hugo (as he is named in botanical literature) sent some seeds to England; these germinated at Kew and yielded a fine yellow-blossomed, fern-leaved rose which is the missionary's memorial, *Rosa hugonis*. The original bush still grows in the Royal Botanic Gardens, Kew.

Charlotte Wheeler Cuffe is a rare example of a woman who filled her time in faraway places by collecting plants. She lived in Burma for almost twenty years and established a botanical garden at Maymyo. Charlotte

Wheeler Cuffe travelled into remote areas of north-eastern Burma with her husband, who was an engineer in the Burmese Public Works Department; she collected and painted rhododendrons, orchids and many other plants. One rose was described in her letters home, a

> '... climbing white cluster rose that I found at Kutkai on the limestone plateau of the Northern Shan States... a beautiful and curious rose - its peculiarities are the centre style almost like a hibiscus and a strong scent almost more like a lilac than a rose & burnished evergreen leaves... It had thoroughly established itself by the stream in the rose garden [at Maymyo].'

Before leaving Burma, Charlotte promised seeds of her Kutkai rose to Sir Frederick Moore for the collections in the Botanic Gardens at Glasnevin. For some years I believed that the Kutkai rose was Cooper's Burmese rose (*Rosa laevigata* 'Cooperi') but a recently rediscovered watercolour by Lady Cuffe of her original rose clearly shows that I was mistaken - the Kutkai rose was not Cooper's Burmese rose.

Roses in Irish gardens and nurseries

Maria Edgeworth was not the first Irish gardener to love and grow roses but she certainly enjoyed her rose garden. Her letters contain interesting records of her roses - for example we learn that during 1828 she obtained Boursault roses from James Townsend Mackay of Trinity College Botanic Garden, and Professor Jones of the East India College at Haileybury in England sent her bushes and scions for grafting. What is particularly interesting is that Miss Edgeworth had to import roses for her garden from as far afield as North America. Maria grew 'Celeste', 'Coupe de Hebe', 'Gloire des Rosomanes', 'Madame Laffay' and many others; damask roses and ever-blooming roses, 'Maiden's Blush' and 'Rose des quatre saisons' (called by the locals the "Quarter Session" rose). From America came the Cherokee rose (*Rosa laevigata*) and a 'Prairie' rose.

Miss Edgeworth's experience suggests that few Irish nurseries were supplying quality roses in the early and mid-1800s - not until the last decades of the century did nurseries begin to specialize in roses. When rose propagation and later rose breeding became well established, Ireland rapidly became famous for its roses, and for the dynasties of Dickson and McGredy. However it would be wrong to think of those families as being the only bright lights in the Irish rose industry. Daisy Hill Nursery in Newry certainly was second to none, and its rose catalogues contained the very best cultivars. Thomas Smith, the nursery's founder, raised a handful of cultivars, but none of the brash roses that were the progenitors of today's lineages. From Daisy Hill came 'Macrantha Daisy Hill', an exquisite, sprawling pink rose, and *Rosa x paulii* 'Rosea' (recently renamed 'Newry Pink'). 'Narrow Water' was introduced by Thomas Smith and he also marketed Sir John Ross-of-Bladensburg's 'Tipo Ideale'. ('Tipo Ideale', described as 'bright pink with

crimson shadows' by Lady Moore, had been noticed by Lady Ross-of-Bladensburg growing in a small market garden at Vaveno in Italy. She brought home a plant, and Daisy Hill Nursery propagated it. Eventually it was identified as
Rosa chinensis 'Mutabilis'.)

Equally famous was The Slieve Donard Nursery at Newcastle, where William Slinger concentrated on rose and daffodil production before the 1940s. However no cultivars came from The Slieve Donard Nursery as far as I can ascertain.

The greatest Irish gardeners have been individualists, people like Phylis Moore, wife of Frederick Moore, Keeper of the Royal Botanic Gardens, Glasnevin. She was the doyen of Irish gardeners for many decades, and a devoted rosarian; to her goes credit for keeping alive and distributing 'Souvenir de St. Anne's', a sport of 'Souvenir de La Malmaison', which has all the character and charm, colour and fragrance that anyone could wish for; it is disease-resistant and flowers from May to December.

The influence of Irish roses has been far-reaching. As a footnote it is worth noting that Graham Stuart Thomas, recently dubbed the paterfamilias of roses, came here first in 1937 to visit Tom Blythe at Daisy Hill Nursery. In *The Old Shrub Roses* Thomas recalled visits to the gardens at Rowallane and Rostrevor as well as Glasnevin where he saw *Rosa x paulii* 'Rosea'. Alas at Newry he viewed only the 'sad remnants of Tom Smith's once magnificent collection'. In 1949 Thomas returned to Ireland, and at Mount Stewart he was regaled with 'Mrs Oakley Fisher' and 'Penelope'; at Larchfield in Dublin, the garden of Mr and Mrs Salmon, 'a thousand and more' roses, including 'Le Roi a fleur pourpre', were closely grown in borders - 'It was good to feel that this variety will now become available again thanks to [Mr Salmon's] care'. In Lady Moore's garden, Willbrook at Rathfarnham, Thomas saw *Rosa slingeri* (the double flowered cultivar of *Rosa xanthina*) and, for the first time, 'Souvenir de St. Anne's'. Graham Stuart Thomas' passion for roses was nurtured by his contacts with people like Lady Moore, and by Ireland's gardens, and now he is not just an authority of world renown, but also the genius presiding over Mottisfont, the National Trust's newly restored collection of old roses.

The conservation of Irish roses

Ireland's heritage of roses is unequalled; there is little need to recite the names, but let me do so - McGredy, Dickson, Hughes, McCann, Slattery, Thomas Smith, Lady Ardilaun, Augustine Henry, Phylis Moore, John Templeton, Charlotte Wheeler Cuffe (the order is entirely arbitrary).

What are we doing about conserving this heritage, and about explaining it to our fellow countrymen? The blunt answer is *nothing*. To be sure, there are rose trial grounds in Belfast and Dublin but, frankly, I cannot see their merit or their purpose. The vast majority of modern roses are bland

and tedious, and the uninspiring battalions of new cultivars in the trial gardens are little more than vulgar displays of hoped-for profits. Go to the Sir Thomas and Lady Dixon Park, or to St Anne's Park, and view the massed ranks, and be honest - can you tell the difference between some of the new roses? They are like peas from a packet of frozen peas, all more of the same or, at best, minor variations on much better, older themes.

The so-called old roses - at least those cultivars that originated in the nineteenth century or earlier - are nowadays fashionably old-fashioned, and in some countries, gardens have been established - Mottisfont is one example - to house conservation collections of these antique cultivars. There are 'heritage societies' devoted to roses in Australia and South Africa. Irish gardens have even contributed to the restoration of roses to these gardens - about ten years ago Graham Stuart Thomas was overjoyed to see 'Fortune's Double Yellow' in a garden near Dublin and it has been propagated and has returned to Britain.

Shamefully, there is no garden within Ireland dedicated to growing and conserving the roses that Irish men and women introduced from wild habitats or produced by elaborate breeding programmes. There is no society devoted to this incomparable heritage. There is no garden that interprets our remarkable contribution to rose gardening, that explains the science of rose breeding and the lineages of plants like 'Handel' or 'Grandpa Dickson'. Even if such a garden is not formed to preserve Irish roses simply because they were raised in Ireland, it must not be forgotten that older cultivars could contain valuable genes - perhaps for disease resistance or a new colour - that might help enliven a dowdy, tired 'line' in years to come.

We have hitherto relied on individuals to keep alive the older Irish roses: had Lady Moore not cherished 'Souvenir de St. Anne's', that beautiful shell-pink rose would have vanished; if no-one had bothered about *Rosa x hibernica*, the original, the true Irish rose would have become extinct; if the Thomas Moore Society had not propagated and distributed the 'Last Rose of Summer' we would remain ignorant of the rose that inspired an immortal ballad. We cannot afford to depend on individuals any more, because the task is too urgent and enormous. We cannot wait any longer; it is time to begin to collect the cultivars produced by Dickson and McGredy and all the other rose breeders, to form a national archive of Irish roses, and to begin propagating and distributing the surviving plants to anyone who will cherish them. If we delay for too long we will lose more of the old cultivars. Our children will not thank us if we let slip the chance to preserve our - their - unique heritage.

Pour wine and dance if manhood still have pride
Bring roses if the rose be yet in bloom...
{W. B. Yeats, 'The mountain tomb'}

Roses in Irish poetry

Roses and Ireland are inseparable. William Butler Yeats wrote of Ireland's red-rose bordered hem, and there are no verses about roses as well-known as those of Thomas Moore's love-song, 'The last rose of summer'.

'Tis the last rose of summer
left blooming alone;
all her lovely companions
are faded and gone;
no flower of her kindred
no rose bud is nigh
to reflect back her blushes
or give sigh for sigh.

The inspiration for the ballad was a rose which Moore saw in the garden of Jenkinstown House - a scion from the rose was presented to the National Botanic Gardens, Glasnevin, in April 1950 by The Thomas Moore Society, and its progeny is still cultivated. Thomas Moore's rose is the China rose called 'Old Blush' (possibly the same as 'Parson's Pink China').

However the romance of the rose was not an Irish invention - it was an imported conceit. The earliest native poets celebrated wild nature, not artificial gardens; their verses include the names of many plants - yew and hazel, ferns and blackberries, sloes and rowan - but there is hardly ever a mention of roses. Not until the 'romantic' rose infiltrated from the east did Irish poets absorb the ineluctable imagery of these plants.

From Classical times, roses were entwined in love poetry. Ausonius left Rome and retired to Bordeaux to cultivate his garden wherein at daybreak he pondered life.

Tell me now, did dawn come first, or roses?
Or did the Cyprian stain them from one shell?...

... Think you, did Dawn steel colour from the roses
or was it new born day that stained the rose.
To each one dew, one crimson, and one morning
To star and rose, their Lady Venus one.
Mayhap one fragrance, but the sweet of dawn
Drifts through the sky, and closer breathes the rose.

Those beautiful verse-translations of medieval Latin lyrics were made by the Belfast-born scholar and poet, Helen Waddell. Thomas Moore also turned his hand to translating Anacreon who lived six centuries before the Christian era, and sang the praises of love and women, wine and roses

Then, then, in strange eventful hour,
The earth produced an infant flower
Which sprung with blushing tinctures drest
and wantoned o'er its parent's breast.
The gods beheld this brilliant birth
and hailed the Rose, the boon of earth.

More conventional poems, with allusions to roses and love, to sacrifice and passion, embroider the work of poets from the nineteenth and twentieth centuries. John Boyle O'Reilly (1844-1890), a prominent Fenian who was transported to twenty years' penal servitude in Australia, eventually settled in the United States.

The red rose whispers of passion
And the white rose breathes of love;
O the red rose is a falcon
And the white rose is a dove.

But I send you a cream-white rosebud,
With a flush on its petal tips;
For the love that is purest and sweetest
Has a kiss of desire on its lips.

One of the finest poets of the First World War was a young farm labourer from County Meath who volunteered for service and was killed in that hell; from Francis Ledwidge's exquisite verses about the month of June, comes this stanza and I think that the following stanza should be inscribed at the entrance to the garden that will conserve for future generations the ineluctable roses of Ireland.

And loop this red rose in that hazel ring
That snares your little ear, for June is short
And we must joy in it and dance and sing
And from her bounty draw her rosy worth.
Ah! soon the swallows with be flying south
The wind wheel north to gather in the snow
Even the roses spilt on youth's red mouth
Will soon blow down the road all roses go.

****

I cast my heart into my rhymes,
That you, in the dim coming times,
May know how my heart went with them
After the red-rose-bordered hem.
{W. B. Yeats 'To Ireland in the coming times'}

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Manuscripts quoted herein are fully cited in the works noted above. The quotations from poems are from a variety of standard sources.

'AUDREY MEIKLEJOHN'

White Rose Nurseries is very pleased to honour one of Toronto's foremost gardeners with the introduction in 1992 of a new Hybrid Tea called 'Audrey Meiklejohn'. This rose, which is a beautiful, fragrant, double yellow, is sure to be included as one of the best yellow roses produced this century.

Audrey Meiklejohn's achievements are legendary. She is Honourary President of the Canadian Rose Society. She is also a patron of the Society and a Past President. She has represented us at the World Federation of Rose Societies conventions in New Zealand, England, South Africa, Israel, Australia and Northern Ireland. She is a Rose, a Horticultural and a Decorative Judge. She has championed flower arranging as an art form, and has won many top national and international prizes.

Audrey was born in Toronto and has lived in the same house since the 1950's. She has built an incredible garden that has been often featured in newspapers and magazines and on television. It has been an inspiration to people to grow new and different plants. This summer she celebrated her 80th birthday in her garden, surrounded by her roses and her family and friends.

Audrey is the Queen of Roses in the Canadian Rose Society, and we all know her passion for yellow roses. So, it is entirely fitting that this lovely yellow rose was selected by Audrey herself to bear her name.

AUDREY MEIKLEJOHN (Hybrid Tea)
Introduced by White Rose Nurseries
(1992)

NEW ROSES IN THE "EXPLORER" SERIES RELEASED BY AGRICULTURE CANADA

by Dr. Ian S. Ogilvie

The hardy rose breeding programme at the L'Assomption, Quebec station continues to achieve progress. While rodent damage over the winter of 1989-90 was heavy in the breeding nursery, no important material was lost, and most bushes recovered completely by midsummer of 1990. A number of promising lines originating from material selected at Ottawa and L'Assomption were identified, and these will provide a further source of new varieties. Seedlings have been obtained from crosses between some of the Ottawa hardy breeding lines and a number of miniature roses, and also with a double mutant of the native *Rosa palustris*. These should broaden the genetic base, and possibly will lead to the release of some very hardy miniature varieties.

The most important recent development in our rose breeding programme has been the release of two new cultivars in the "Explorer" series, the first new ones since the programme was moved to our station. The first of these is 'Captain Samuel Holland', a red *kordesii* climber named after a Royal Navy captain who carried out the first survey of the coasts of New Brunswick and Prince Edward Island in 1765-67. The second is 'Louis Jolliet', a pink *kordesii* climber or trailing type, named after a prominent early French colonist and explorer of many parts of the Quebec north shore and the James Bay region during the late 17th century.

'Captain Samuel Holland', the red *kordesii* climber has been observed at Ottawa and at L'Assomption under the code name E18. It has also been tested for two years at Corn Hill Nursery in New Brunswick. The name of this rose was registered as a special request from Robert Osborne, proprietor of Corn Hill Nursery. Mr Osborne probably has the widest selection of hardy roses in Eastern Canada, and he found 'Captain Samuel Holland' to be one of the best selections for performance in that region. He also found that it had a certain resistance to chewing insects that defoliated many other varieties. 'Captain Samuel Holland' is a reasonably vigourous climber with flowers in clusters of one to ten. The medium red flowers have an average of twenty-three petals. This rose is sterile and does not form fruits.

The pink *kordesii* climber, 'Louis Jolliet' has been tested for a number of years at Ottawa and L'Assomption under the code name P03. It has proven to be the most floriferous line yet selected. The very double flowers average thirty-eight petals and are in clusters of three to ten blooms. They open a deep pink and gradually fade to a pale pink. This rose is even

more floriferous than 'Champlain' (one of its grandparents) and it is also much hardier and does not have the susceptibility to powdery mildew that is sometimes a problem with 'Champlain' in some locales. 'Louis Jolliet' will flower well on young rooted cuttings, and so should flower well on young plants. This is in contrast to some other "Explorer" cultivars, which require a number of years to become established. The plant is a low climber or trailing type with medium vigour. This cultivar has some fertility and produces a certain number of fruits, which turn orange at maturity.

These two roses were registered with the Canadian Ornamental Plant Foundation and with the American Rose Society (which is responsible for all international registrations of roses) in 1990. Our station will be propagating rooted cuttings for distribution to nurseries in 1991. Our plant physiologist, Dr. Neville Arnold, is also working to develop tissue culture media which give an optimum propagation rate for these roses. We expect that they will eventually be propagated in large numbers by tissue culture laboratories, so they will be readily available to rose enthusiasts in a few years.

We are very enthusiastic about the performance of these roses, and we believe that they will make an important contribution to the very hardy cultivars available to rose growers in Canada and in other parts of the world with similar climates.

ROOT GRAFTING ROSES

by Malcolm Manners
Florida Southern College

(Reprinted with kind permission from
Heritage Rose Foundation News (October 1990)

Several years ago, some Dutch horticulturists visiting Florida Southern College showed me a method of grafting roses, which is being used in the Netherlands for production of greenhouse roses. It involves the attachment of a one-node scion directly to a piece of root. The method has several advantages over other types of grafting or budding, including the following:

1. It requires relatively little skill and no expensive or difficult to obtain equipment.

2. The resulting plant has its graft union at the root crown, allowing it to be buried easily, for winter protection in cold climates.

3. By using a one-node scion, it is possible to make as many plants from a budstick as would be possible by budding. (Most grafting methods use several nodes per plant.)

4. Root-grafted plants produce few or no rootstock suckers, since the rootstock portion has no stem tissue or axillary buds. Varieties which produce suckers adventitiously (e.g. odorata, now called 'Fun Jwan Lo') may still produce a few suckers.

5. Perhaps the greatest advantage of this method over other grafting or budding methods, is that it allows the production of **own-root** plants of rose cultivars that are difficult to root from standard cuttings. If you already have one own-root plant of the variety, you can simply graft pieces of its stems back to pieces of its own roots, rather than using root pieces from a different rootstock. Since the rootstock portion is actual root tissue, you bypass the process of root initiation, making even the most difficult to root roses easy to propagate on their own roots. Of course, this advantage holds true **only** if you already have an own-root plant of the rose to be propagated.

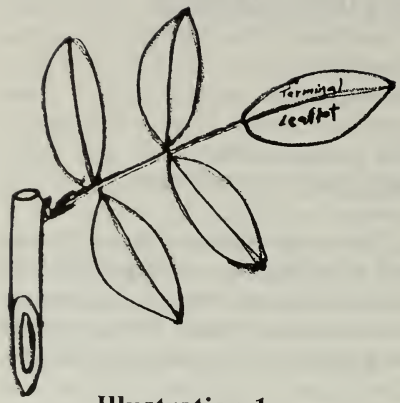

Illustration 1
Scion

Illustration 2
Rootstock

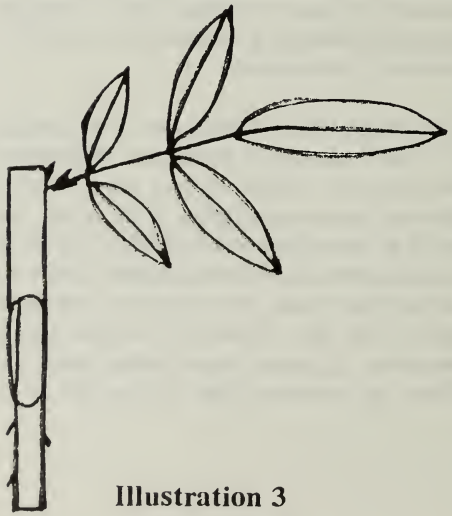

Illustration 3
Grafted Plant

If your goal is not to produce own-root plants, you can use roots from any rootstock variety. I usually use 'Dr. Huey' roots, since they are relatively thick, flexible and easy to work with. Remember that this method, like any method of graftage, will spread rose mosaic virus if **either** the scion or the rootstock portion of the graft is infected, so try to use virus free material. *R. multiflora* roots collected from seedling plants would be a good source of mosaic free roots, in areas where multiflora has become a naturalized weed.

Method:

Materials needed:

a) single edge razor blades

b) small plastic clothespins without much spring strength

c) Rootone or other rooting hormone preparation

d) containers of potting soil, such as you would use to root cuttings

e) a system for rooting cuttings (we use an intermittent mist bed, but there is no reason a plastic bag or inverted mason jar over the cutting would not work, if you normally root cuttings that way. A jar would have to have a sufficiently large mouth to enclose a clothespin.)

Procedure:

a) Cut a scion, as shown in Illustration 1. It should be cut with a leaf and an axillary bud at the top. For reasons no one seems to understand clearly, it is particularly important that the terminal (end) leaflet be intact and undamaged. If it is missing from the leaf, the graft usually fails. The top of the stem should have a horizontal (not slanted) cut, just above the bud. The stem piece should be about an inch long, or if the variety makes very long internodes (the space between two leaves), the stem can be a little longer. The bottom of the scion piece is cut with a razor blade, with a smooth, slanting cut, at an angle approximately 30 degrees vertical. This cut must be very fresh and moist when attached to the root piece, so don't make it until the last possible moment. This base cut is made 90 degrees around the stem from the point of attachment of the leaf, so that one side of it will be directly under the leaf (see Illustration 1). Plant materials should be moist

and turgid throughout the process. Keep cut material cool, shaded and enclosed in plastic bags with damp paper towels, to prevent wilting.

b) Rootstock pieces are dug from under the donor plant, and are thoroughly rinsed until free of soil. Trim off the small feeder roots, and cut the roots you intend to graft into pieces one to two inches long. The length is relatively unimportant, although a short piece is easier to work with than a very long root piece. The thickness of the root is also rather unimportant. Usually, it will be considerably narrower than the scion stem; that's fine - even a very thin root on a very thick scion stem can make a good graft. VERY IMPORTANT: As you cut the root pieces, be sure to cut them with the bottom end (the end which grew furthest from the stem of the donor plant) flat, and the "top" end with a 30 degree slant. Otherwise, it will be difficult, later, to determine which end is "up" (see Illustration 2). A graft made with an up-side down root nearly always fails. As with your scions, keep the root pieces cool and moist at all times.

c) Have all equipment and materials ready, so that once you start the actual grafting, you will be able to work quickly and without delay. Make a fresh 30 degree cut in the base of the scion stem. Immediately make a similar fresh cut in the top of a root piece. Align the cuts so that the cambium of the scion (the layer just under the bark) is in contact with the cambium of the root. If the root piece is narrower than the scion, align the side under the leaf of the scion,and don't worry that the opposite side is not lined up (see Illustration 3). Clamp the pieces together with a plastic clothespin, placing the handles of the pin on the leaf side of the scion, lined up with the leaf. This step is much easier said than done, especially for someone with thick fingers like mine. It takes a bit of practice to get the clothespin in place without dropping the scion, the root, or both. It may help to work with a friend, who can hold one or more of the pieces for you.

d) Dip the bottom of the root into rooting hormone, being careful not to get any of the powder on the graft cuts. Such materials promote root formation, but inhibit healing of a graft union.

e) Punch a hole in your potting medium with your finger or a pencil, lower the root into the hole and gently press the soil up against the root. The clothespin should lie flat on the soil surface, serving as an anchor for the plant. Place the completed graft under mist, or

cover with a plastic bag or jar to maintain humidity, and treat as you would an unrooted cutting.

In two or three weeks, the graft should be healed and the root system should be developing nicely. At that time, the plant can be placed in a bright spot and the bag or jar removed. Give it some dilute liquid fertilizer to encourage new growth. I usually don't remove the clothespin for another two to three weeks, until the plant is actively growing new stems and leaves.

EXPLORING CREATIVITY IN DESIGN

by Pearl Wilby

With the current interest in the Decorative Arts, it is understandable that the Design Section of our shows attracts a great deal of attention from the public. No doubt you have witnessed, albeit with some trepidation, the viewers peering closely to discover how the designs were constructed, marvelling at the skill and creativity of the designers and even handling the plant material to ascertain whether it was really alive! Although we do not encourage the handling of our designs, we are pleased with the evident interest of the viewers and welcome their questions. There are many reasons why gardeners delight in growing roses, but for the flower arranger the interest in growing them extends further - to enjoy their beauty indoors.

Making flower arrangements for your home is an excellent way to begin this pursuit, for to make beautiful arrangements it is necessary to understand the potential of your plant material. The textures and colours which enhance each other, the mechanics necessary to have the plant material remain in position and the techniques of conditioning them so that they will last a reasonable length of time are basic steps, and only practice will give you confidence. In addition, flower arrangement is a visual art, and regardless of the style of flower arranging selected, the arranger must conform to the principles of design: namely balance, dominance, contrast, rhythm, proportion and scale. Lastly, but very important to our shows, creativity is the key to an outstanding design. One or more courses in Flower Arranging will help to give you the knowledge you require, and your own imagination and creativity will do the rest.

It is to be hoped that this initial interest in flower arranging will lead you to try your hand at entering our shows, and this is where the novice arranger encounters some difficulty. Up to this point your arrangements have been purely decorative, but you discover that the Design Classes for shows are interpretive. They force the designer to communicate his or her feelings or experiences so that the viewer may understand the interpretation. No two people interpret a subject in the same way, so interpretive designs are more varied and interesting. The themes may be book titles, music or film titles, quotations, proverbs, poetry, or even a mood or a feeling. Unlike the sculptor or painter who creates images and forms using clay or paint, the flower arranger uses natural forms and enhances them by combining them in new and harmonious ways.

Natural materials, however, can be very expressive and symbolic in themselves. Think of the various types of LINES which have a distinctive effect on the viewer: vertical lines, which express dignity or aspiration,

horizontal lines which suggest calm or repose, diagonal lines, which represent grace, leisure or aimlessness. FORMS of flowers and other plant materials are also expressive. Large forms are masculine, while airy, smaller ones are more feminine. Curved shapes are graceful and angular ones are harsh. TEXTURES also speak to us. Silky textures are elegant. Rough ones are informal. Velvety textures are opulent and prickly ones are aggressive. COLOUR makes a very strong emotional appeal to us. Red may denote anger, danger or love. Yellow suggests cheerfulness. Blue is peaceful or it may suggest loneliness. Orange brings forth thoughts of autumn, courage, etc. The amount of SPACE in a design also helps in interpretation. A large amount of space gives a feeling of tranquillity and reflection, whereas a design with little space expresses abundance and heaviness. From the above it is evident that plant material, with its varied lines, forms, textures and colours, if carefully chosen, can stand on its own to interpret a title. The CONTAINER you choose can also be expressive. For example, pottery, wood or basketware are associated with ruggedness and informality, while silver and china are elegant and formal.

Often designers rely on accessories such as figurines, etc. to help with interpretation, but caution should be exercised when using them, for they should be in harmony with the lines, forms, textures and colours of the other components. They should have a feeling of belonging, rather than the sense that they have been included as an afterthought. For this reason it is difficult to find suitable accessories, and natural ones such as driftwood, rocks, shells, cones, etc. are much easier to use In any case, remember that a minimum of materials should be used, allowing the viewers to use their imagination to understand the message conveyed.

Schedule writers usually try to select titles which will inspire the exhibitors and should, I believe, use as few restrictions as possible. How often have you looked at a class title which stirred your imagination, only to read on and find that a certain style was required, or a certain colour, or certain materials which you lacked, with the unfortunate result that immediately your creative urge was abandoned?

An example of an overall theme for a show could be Gertrude Stein's oft-repeated phrase "A rose is a rose is a rose", implying that the quintessence of a rose is mysterious, something that makes adjectives useless and that can never be described. I have selected here a few of the imaginative names given to roses by hybridizers, which could set the mood for creativity and produce an interesting and imaginative schedule that would appeal to both new and experienced arrangers. My suggestions for dealing with them are given to illustrate how you might begin, but your own ideas might be quite different. The names which I have chosen are 'Bewitched', 'Happy Days', 'Country Heritage', 'Dream Time' and 'Polynesian Sunset'. 'Bewtiched' could possibly include bare branches with a zigzag, jerky movement for the major lines, and flashes of colour to suggest magic or

enchantment. Other plant material could be spiky and prickly, suggesting mystery and witchcraft. A black container of unconventional form would complete the picture. 'Happy Days' calls for a different feeling. It could be depicted with curving, playful lines, possibly using yellows and oranges for a happy, carefree mood. 'Country Heritage' would also have a serene and pleasant mood, with a basket or wood container. The line could be wild plant material such as bulrushes or goldenrod. The flowers could be some of the older roses, arranged in a more conventional way. 'Dream Time' calls for gently curving lines and soft, romantic colours to illustrate a pleasant dream. 'Polynesian Sunset' suggests a lovely striking mass of colours - oranges, reds and possibly some blues. To bring in the tropical idea, perhaps some tropical fruits can be included. To add to your interpretation, you might search for additional natural materials from your garden to make your design a little more unique and distinctive. (Our shows permit the use of materials other than roses, as long as garden roses are included in the design.)

The judge will evaluate your skill in the composition of your design, the evidence of creativity, your conformity to the requirements of the schedule and, of course, the condition of your plant material and the other components of your design. If it rates high in all of the above categories, it will, no doubt, receive an award. However, whether or not you receive recognition, the important thing is that you have added to your skills and have derived satisfaction, relaxation and enjoyment in the process. Here's wishing you success in this fascinating pursuit!

Suggested Reading:

Creative Flower Arrangement, Jean Taylor (Stanley Paul & Co. Ltd., London)

The Art of Flower Arranging, Marion Aaronson (Grower Books, London)

The Complete Flower Arranger, Amalie Adler Ascher (Simon & Schuster, New York)

SODA IN THE ROSE GARDEN

by Dr. John J. Chiment
Editor, Cornell Plantations
Cornell University

(Reprinted with kind permission from Cornell Plantations Vol 45, No 3, 1990)

Baking soda was first produced in the United States by two brothers-in-law. Beginning in 1846, Austin Church and John Dwight started a series of companies for the manufacture of baking soda. These companies merged in 1896 and opened a plant in Syracuse, New York. Today they are known as Church and Dwight, producers of Arm and Hammer Brand baking soda. Their red and yellow box is a familiar sight on the kitchen shelf, in the medicine cabinet, laundry room and refrigerator - and soon, perhaps, in the garden shed.

Recent research by Cornell plant pathologists suggests that baking soda, dissolved in water and sprayed onto rose bushes, can significantly reduce the discolouration of leaves known as Blackspot. This disease is caused by a fungal infection.

Fungal diseases, like Blackspot and Powdery Mildew, can be serious problems for the rose grower. They detract from the beauty of roses grown by the home gardener, discolouring the leaves and causing premature leaf loss, and they decrease the value of roses grown for sale. Rose growers have used a variety of treatments to control fungus. Traditionally, sulphur is applied to greenhouse roses, while Bordeaux Mixture, a solution of copper sulphate and lime, is often used out of doors. More recently, specific, petroleum-based fungicides have been introduced. Many home gardeners use a combination spray or dust to control both fungal and insect pests on their roses. There has been a concern, however, that modern preparations carry some risk to the gardeners and to the environment. The ideal treatment should be effective, safe and inexpensive.

Stories about the efficacy of baking soda in controlling garden fungi have been circulating for some time among organic gardeners. Because baking soda is considered a food and absolutely safe as a food additive, it has been used as a spray in the vegetable garden. Encouraged by early tests with vegetables and looking to try their product in the flower garden, Church and Dwight's manager of research and development, Larry Kirschner, approached Cornell's Ken Horst. Dr. Horst is an authority on rose diseases, the author of *The Compendium of Rose Diseases* released in 1983 and of the fifth edition of Wescott's *Plant Disease Handbook* due out later this spring. In recent years, Horst has been looking at a number of diseases, mostly caused

by viruses, that are of economic importance to rose breeders and growers. He was eager to evaluate baking soda as a fungal control.

In 1987, Horst put together the research team. From Cornell's Department of Plant Pathology came Horst and his research specialist, Stan Kawamoto. They were assisted in the field by Cornell undergraduate Cristi Palmer '90. For a test site, Horst chose rose beds at Sonnenberg Gardens, a beautifully landscaped mansion and series of theme gardens in Canandaigua, New York. The roses, 'Pascali' and 'Mr. Lincoln', varieties selected for their susceptibility to fungal infections, were supplied by Barney Hobbs of Vaughan's Inc.

Once the roses were in place, the staff in Sonnenberg, led by horticulturalists Virginia Richmond and Bernadine Ticonchuk, started the treatments. Beginning in mid-April and continuing through October, the plants were sprayed every three to four days. Each month, Horst and his crew would drive up to Sonnenberg to score the fungal damage. Each bush, treated or untreated, was evaluated for the presence and degree of infection.

Over three growing seasons a number of different solutions were tried. Baking soda is the name for sodium bicarbonate, and several concentrations of sodium bicarbonate, as well as potassium and ammonium bicarbonate were evaluated.

Some results came easy. High concentrations of any of the chemicals burned the leaves. Different varieties of roses had different sensitivities to the treatments. The sodium bicarbonate, baking soda, treatment was usually the most effective in controlling Blackspot.

Some things were not so easy. The solution washes off the leaves in the rain. A special soap was added to the solutions to aid in their spreading across the entire leaf surface and to help them stick in the rain. Strangely, perhaps because of the dry summers of 1988 and 1989, Powdery Mildew was never observed in the test garden, not even on roses that were sprayed only with water as an experimental control. It has also been difficult to predict the concentration of soda that will cause burning in different rose varieties. Tests by Cornell's Department of Floriculture and Ornamental Horticulture showed that some greenhouse-grown varieties are more easily burned by the spray than are the Sonnenberg roses.

After three seasons in this ongoing research project, some conclusions can be drawn. Baking soda in water, perhaps with a touch of gardener's insecticidal soap to help it stick to the leaf, can prevent or control fungal Blackspot in roses. Just as different rose varieties show different susceptibilities to fungal infection, they also show different tolerances to the spray.

In the coming spring, Horst's group and the Sonnenberg gardeners will try some new concentrations and application methods. The explanation behind baking soda's value in the garden still needs work as well. Baking soda may alter the acidity of the leaf surface, may change the topography of

the leaf, thereby confusing the invading fungal spores, or may act as a mild detergent, preventing the spores' attachment.

Until some of these things are sorted out, Horst cannot recommend baking soda sprays by the home gardener. The adventuresome, however, may wish to try their own experiments on selected plants. For them, then, the following recipe and cautions.

The most effective spray tested thus far can be made up as follows: add five tablespoons of baking soda to five gallons of water. This gives a 0.5% solution. To this add a few drops of insecticidal soap. Remember, many soaps will burn new growth. Use only a soap that is recommended for the garden. Test your spray on both the old and the new leaves of just a few roses. Try an application every other day for a week and note any brown discolouration or burning of leaves. Different rose varieties may react differently to the same spray. Don't spray your whole collection without testing for burning. Experiment. Keep notes. Do the treated plants look better than the untreated? Dr. Horst and Church and Dwight would love to hear from you.

(EDITOR'S NOTE: Dr. Horst will be publishing a follow-up article on this continuing research in 1992. We hope to be able to bring it to you in the next Annual. In the meantime, we know of several people in Southern Ontario who have been experimenting with this method for the past two years. They report 60-80% control of Blackspot during summers in which Blackspot was rampant all around them. They used the concentration described above and sprayed every five days.)

EXPERIMENTAL USE OF ANTITRANSPIRANTS TO CONTROL ROSE BLACKSPOT

by Dr. Gordon E. Holcomb
Dept of Plant Pathology & Crop Physiology
Louisiana State University

Antitranspirants are composed of waxes, emulsions and polymers that are used to prevent water loss from plant foliage when sprayed on plants prior to shipping, storing or transplanting. They are also used to prevent winter damage to evergreens caused by cold, dry weather conditions. The products are available commercially from garden centres and horticultural supply outlets under trade names such as Cloud Cover, Folicote, Nu Film, Vapor Gard and Wilt Pruf. They are not classified as pesticides and do not carry a label for plant disease control.

Research results during the past ten years in China, Israel and the United States has shown that antitranspirants can give effective control of foliage diseases when sprayed on plant surfaces. Reports have shown good control of several diseases on vegetables, wheat and barley, and of powdery mildew on zinnia, crape myrtle and hydrangea. The antitranspirants apparently form thin films on plant surfaces that act as physical barriers to fungal plant pathogens. Because these products are not pesticides, they are less hazardous to the environment.

Tests were conducted during the fall of 1990 at the LSU Burden Research Plantation to determine if antitranspirants would give any control of rose blackspot caused by the fungus *Diplocarpon rosea*. Nine cultivars were treated with one or more of the following, Folicote, Vapor Gard or Wilt Pruf. The products were used at the rate of 40 grams per litre of water (about 3/4 cup per U.S. gallon). The diluted solutions were sprayed on the roses with a hand sprayer every two weeks, for a total of four applications of Folicote and Vapor Gard and two applications of Wilt Pruf. Three to six plants of each cultivar were used for all treatments and as untreated control plants. Tests were conducted from October through December, and the rose bushes were then rated for percent defoliation caused by blackspot.

It was found initially that Vapor Gard caused a severe foliage burn and defoliation when used at a rate of 10% (100 mm per litre of water). Rates for all products were then reduced to 4% (40 grams per litre) and no further injury was observed.

The results of these tests (Table 1) were very encouraging, and showed that Folicote and Vapor Gard gave effective blackspot disease control

in comparison to unsprayed plants. These two antitranspirants held defoliation to 10% or less on all cultivars except 'Aquarius', on which there was no difference between Folicote treated and untreated plants. Defoliation of untreated plants was as high as 50% on 'Bonica' and 'Yankee Doodle', but ranged from zero to 10% on treated plants. Wilt Pruf treatments were not so effective as the other two, probably because the treatment was begun later and only two spray applications were given to the plants. Both 'Grand Master' and 'Aquarius' showed considerable blackspot disease resistance in these tests.

A single test was conducted during the summer of 1991 in which Folicote and Wilt Pruf were applied as described previously. The fungicide Daconil 2787 was also included and used at recommended label rates. In this test, the fungicide gave much better blackspot control than the antitranspirants. Percentage plant defoliation for the various treatments were as follows: Daconil 2787 - 1%, Folicote - 26%, Wilt Pruf - 34% and the untreated check - 38%. Unusually heavy rainfall during this test (10 inches per month) probably accounts for the poor performance of the antitranspirants. Information to date suggests that the antitranspirants will perform better during periods of reduced rainfall (the fall months in Baton Rouge, Louisiana) and/or in areas with lower summer rainfall than Baton Rouge.

TABLE 1

Percent Defoliation of Rose Cultivars due to Blackspot Disease when Treated with Antitranspirant Sprays.

CULTIVAR	TREATMENT	% DEFOLIATION
Apricot Nectar	Folicote	00
	Untreated	23
Aquarius	Folicote	00
	Untreated	00
Bonica	Folicote	10
	Vapor Gard	05
	Untreated	50
Tournament of Roses	Folicote	05
	Vapor Gard	05
	Untreated	30
White Masterpiece	Vapor Gard	00
	Untreated	13
Yankee Doodle	Vapor Gard	00
	Untreated	50
Grand Master	Wilt Pruf	01
	Untreated	01
Las Vegas	Wilt Pruf	5
	Untreated	10
New York	Wilt Pruf	12
	Untreated	28

ROSES IN YOUR ARRANGEMENTS

by Eileen Ouellette

I believe flower arranging to be an important part of every rose show and, having been an active participant in shows for over twenty years, I would like to share with you some of the things that I have learned. They can be grouped under the following headings:

Cutting and Conditioning

Use sharp secateurs or a knife, and do not cut more blooms than you need. Take your container of warm water to the garden, and immerse the stems quickly once they are cut. Avoid cutting too many flowers from new bushes, and leave as much foliage on the bush as possible. Cut just below the uppermost set of five leaflets.

The keeping quality of a rose depends partly on its stage of development when it is cut. Ideally, the sepals should be turned back and the bloom 1/4 to 1/3 open. Too tight a bud may never open, while too loose a bloom will blow before you can get it to the show table. Roses with many petals can be cut when 1/2 open, while semi-doubles will last longer if they are cut while the buds are, at most, 1/4 open. Singles unfold very quickly, and should be cut when the buds are just showing colour.

Experts say the best time to cut roses is in the early evening, when the sugar content in the stems is at its highest level. This also gives you ample time to condition the roses overnight. Recut the stems under water, and add Floralife preservative. Place the roses in a cool, dark area of your basement or garage, out of draughts, until you need them. If you have to cut roses on the morning that you will be using them, allow a minimum of four to six hours for this hardening off, to ensure that plenty of water is taken up.

Selecting a Container

Your basic collection of containers should include simple shapes: round, oval, square, rectangular and cylindrical. Their colours and textures should vary from plain, dull finishes to high glosses, omitting those with obvious patterns which would conflict with your plant materials. Earth colours, green, black and white all blend well with most floral material, and they are not apt to draw attention away from your arrangement. Metal vases can be considered coloured as well: brass as yellow, copper as orange, silver as white and pewter as grey. When using clear glass vases, be careful that any underwater stems look attractive, and remove all leaves below the water level to discourage bacterial growth.

Here are some of my suggestions on selecting a container to compliment your plant material:

- heavy, solid vases for robust roses
- glass or porcelain for delicate roses
- low bowls or rectangular dishes for Oriental designs
- tall, cylindrical vases for simple upright lines or Hogarthian curves
- footed urns, bowls and candlesticks for loosely arranged material with flowing lines and curves
- wine glasses for one or two short stemmed roses
- a flat plate with oasis attached to hold two or three open roses
- unusual articles for abstract and modern° designs (These require special, often ingenious, methods to supply water to the plant material.)

Bases and Drapes

A base is an integral part of a design. It may be a clean, well-pressed piece of fabric, a woven placemat, a bamboo mat, a piece of tile, a wooden stand, a lacquered burl or a mirror. Frilly doilies add little to the over-all effect and should be avoided. Some classes in a show may call for a draped niche or shadow-box as a background for an arrangement. Dramatic effects can be produced here by using black velvet and, when permitted, a spotlight to highlight the design.

Accessories

Unless specified in the show schedule, an arrangement must not include bases, drapes or accessories of any kind. However, a design and a composition do include accessories. If you are unsure what is called for, ask a member of the Show Committee before you begin planning your entry. In interpretive compositions, accessories should be related to the title or theme. An accessory placed toward the back of an arrangement will appear smaller and less obvious, thus giving depth to the arrangement. When placed toward the front, it appears larger and can become the highlight. The eye should be able to travel from one item to another in a flowing rhythm, without a jarring effect. Remember that only one item can be the focal point. All others should lead to or from it or be subservient to it. The tallest material should be the lightest and airiest, both in colour and weight. The heaviest and darkest material should be near the base, to give a solid appearance to the design.

Other Plant Material

Here are some suggestions for other plant material to combine with your roses:

- roses with oak leaves and grasses for contemporary surroundings
- golden roses in a golden incense burner, with golden mock orange

foliage

- pastel roses, miniatures and frilled floribundas for a dainty arrangement
- sea shells as accessories or containers for an ocean atmosphere
- miniature roses and gypsophila
- roses with delphiniums
- in late summer or fall use copper or brass containers with autumn colours
- pink roses with red barberry or purple sandcherry branches
- orange tone roses with berried branches
- white roses and Queen Anne's Lace in white pottery, china or silver
- pink roses with pink Rex begonia leaves
- yellow roses in a copper jug with variegated foliage
- roses and trailing ivy
- smaller floribundas with sweet peas and fine feathery foliage
- variegated hosta or coleus with roses in a metal container

Arranging for Flower Shows

The basics are that the height and width of an arrangement should be 1 to 1 1/2 times the height of the container (or the width of a low or small one). Two times the greatest dimension of a container gives visual balance when using light, feathery materials. Everything, including accesories, should be suitably related to the theme.

With show schedule in hand, write down everything that comes to mind for each class. Plan in advance which classes you will compete in, because if you attempt too many arrangements, you may not be able to do your best work. Pay attention to whether an arrangement, a design or a composition is required. Are accessories called for? Does a class ask for a mass or a line arrangement? Is a particular type of container required? Is a colour specified? Set out all your materials except the fresh cut ones, and make sure you have everything you will need for the show.

A week prior to the show, it is a good idea to do a dry run of your arrangements, if possible. First, make a rough sketch of the size, shapes of the flowers and the overall design of each arrangement. Many good arrangements are disqualified because they do not conform to the schedule. Check your measurements carefully, both in the planning stage and after you place the finished arrangement on the show table. Roses can shift when moved, or roses arranged the night before could become fully blown by show day and upset the dimensions of your arrangement. A common error is to underestimate the speed with which certain roses burst open in line arrangements. Experiment a few days in advance, if you have the time and the roses.

Overcrowding an arrangement with too many blooms is another pitfall to avoid. Allow room for roses to open as much as half their size

again. This is especially important on a hot day in a warm show hall. Any wilted material or spent blooms should be removed (this is where conditioning pays off). Foliage, as well as flowers and bases, must be clean and insect free. No portion of the mechanics should be evident - needle holders and oasis must be covered.

Roses with Long Vase Life

Some roses that I have found to hold well in arrangements are:

Hybrid Teas	First Prize (medium pink)
	Bewitched (medium pink)
	Duet (light pink)
	Michele Meilland (light pink)
	Friendship (deep pink)
	Medallion (light apricot)
	Dolly Parton (orange red)
	Double Delight (red blend)
	Olympiad (medium red)
	Precious Platinum (medium red)
	Honor (white)
	Paradise (mauve)
Grandifloras	Aquarius (medium pink)
	Camelot (coral)
	Comanche (orange red)
	Shreveport (orange blend)
Floribunda	Redgold (red blend)

So try your hand, and remember, criticisms by judges are invaluable to the novice exhibitor and should be accepted in the spirit in which they were intended.

REGULATION OF FLOWERING IN ROSE PLANTS

by Professor Naftaly Zieslin
Faculty of Agriculture
The Hebrew University of Jerusalem

[This is an edited transcript of a lecture given at Rose Emerald 1991 at Queen's University, Belfast, Northern Ireland.]

This presentation concerns different factors which are under study in the effort to understand the regulation of flowering in rose plants.

There are groups of *Rosa* x hybrida which exhibit year round perpetual flowering, either under controlled greenhouse conditions or because they grow in regions that have appropriate year-round temperatures. (Winter flowering and growth are suppressed in regions where the temperature falls below 0 degrees centigrade.)

This year round flowering indicates an absence of a photoperiodic flowering stimulus, such as that found in Chrysanthemum. It also indicates an absence of dormancy and the associated low temperature requirements for dormancy release found in such plants as deciduous fruit trees.

In 1952, a scientist in Baltimore discovered that recurrent flowering is a mutation of the one gene for dormancy. That immediately raised the question of whether we could isolate this gene and then transfer it from one type of rose to another. So far, this has not been accomplished, but research is continuing.

The difference between a climbing rose and all other types of rose bushes is that on a climber, the vegetative buds keep growing laterly. On all other rose bushes, the flower or the inflorescence is the terminal growth - nothing grows beyond it. It is the terminal growth on the lateral shoots which form from axillary buds along the stem. Most buds on these shoots are inhibited, but not, obviously, the terminal bud.

From the base of the shoot upward, three distinct foliar zones can be distinguished. The lower zone is characterized by scars of bud scales which have been abscised (fallen off or growth terminated) at the early phase of shoot growth. There are scale-like leaves, bladeless petioles and leaves with one or three small leaflets.

The middle zone of the shoot bears leaves with five or seven leaflets, while the uppermost zone beneath the flower bud consists of leaves with one or three leaflets. The axillary buds in the lower two zones are strongly inhibited. They reveal growth only when released from inhibition by decapitation (i.e. pruning, pinching, flower harvest or bending of the stem).

The axillary buds in the upper zone are often not inhibited, and may grow alongside the terminal flower.

On many Hybrid Teas there are normally about fourteen leaves (each with five leaflets) on a shoot below a flower. Bud break along the length of the shoot is greatly influenced by the position of the bud on the shoot. In the early stages of development, the tip of the shoot produces inhibitors and sends them backward down the shoot. This accumulates, with greater concentrations being built up as you go toward the base of the shoot. If just the bloom is removed from a shoot, the remaining upper bud shows very little inhibition. The second bud shows some inhibition, and lower buds are very inhibited. In an experiment:

- 49 out of 50 upper buds broke and produced 42 flowers.
- 18 out of 50 second buds broke and produced 2 flowers
- 1 out of 50 third buds broke and produced 0 flowers

Since almost all upper buds already break and produce flowers, current genetic and physiological work is concentrating on the breaking and flowering of the second bud, in order to increase the quantity of bloom that a rose produces.

Vegetative buds are dome shaped. On some unknown signal, they can become flat flowering buds. This transformation from the vegetative state to the flower bud state seems to be due to temperature. In a greenhouse, it can occur within twenty-four hours, while outside in Germany it takes about four days. The tip of the shoot escapes the inhibition and, without the inhibitor substance, it starts to produce petals instead of leaves. If you give a rose an opportunity, it should make a flower!

The number of buds that break on each cane is strongly dependent on the stem length after decapitation (pruning, harvesting, etc.). Since the lower buds are more inhibited, more buds break on longer canes than on shorter ones. When eight buds were left on a cane, 2.2 flowers were produced on average for the cane. When 2 buds were left on the cane, 0.7 flowers were produced per cane. Therefore, the higher you prune, the more flowers you will get.

Another thing which affects flowering is that most growth helpers and inhibitors are produced in the leaves and the roots. Different types of roots produce different plant hormones and different amounts of flower promotion substances. Current research is looking at this aspect of flowering.

It has been known for some time that buds taken from different positions on a cane for the purpose of budding will produce different growing plants. The best buds for budding are the three to four buds taken from the central part of the cane. They will produce the strongest, most floriferous plants. This goes a long way to explain why some plants of one variety are so much better than other plants of the same variety when bought from the same nursery. Now all you have to do is to convince the nurseryman to only use those central buds!

THE CLEARING HOUSE

Compiled and edited jointly by

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For the 1990 Clearing House, which forms part of the 1991 Rose Annual, we received 609 reports from 44 contributors, a rather disappointing response compared to the previous year. Number of contributors by province, and the USA, and total number of reports for the past two years are shown below:

PROVINCE/USA	1989 CONTRIBUTORS	1990 CONTRIBUTORS
Alberta	5	3
British Columbia	9	9
Manitoba	7	8
New Brunswick	0	0
Nova Scotia	1	1
Ontario	17	10
Prince Edward Island	2	2
Quebec	4	4
Saskatchewan	3	3
U.S.A.	4	4
TOTAL CONTRIBUTORS	52	44
TOTAL REPORTS	699	609

Of the 44 contributors 5 are new contributors - a warm welcome to the Clearing House. We had several inquiries and offers to contribute to the 1991 Clearing House for the 1992 Rose Annual, for which we are very grateful. The Clearing House Packages (which include reporting forms, instructions for completion, and a return address envelope) are mailed each year in early August to all present contributors and those who have expressed interest in contributing. Anyone else who might like to contribute should write to Audrey Brisbane at the above address - a Clearing House Package will be sent to you promptly. If you need extra forms just write to her.

Thank you for your concise, informative and interesting reports, worthy of any rosarian's attention. Your letters of encouragement are appreciated, and are one reason why we continue to produce the Clearing House for you year after year. We still need more reporters and more reports - HELP!

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NOTE: The full name and address of each contributor is listed on the second and third pages of the Clearing House. Surnames only will be used in the reports on individual roses.

ABBREVIATIONS USED

plant - pl	year - yr
height in feet - '	height in inches - "
hybrid tea - HT	grandiflora - Gr
floribunda - Fl	large flowered climber - LCl
shrub rose - S	miniature - Min

COLOUR CLASSIFICATIONS

When known, both the Canadian Rose Society and the American Rose Society colour classifications are given, using the abbreviations shown below.

	C.R.S.	A.R.S.
White & near white	W	w
Medium yellow	MY	my
Deep yellow	DY	dy
Yellow blend	YB	yb
Apricot blend	AB	-
Apricot& apricot blend	-	ab
Orange & orange blend	OB	ob
Light pink	LP	lp
Medium pink	MP	mp
Deep pink	DP	dp
Pink blend	PB	pb
Medium red	MR	mr
Dark red	DR	dr
Red blend	RB	rb
Orange-red	OR	o-r
Mauve	M	m
Mauve blend	MB	mb
Russet	R	r

If we have a good colour description from Modern Roses 9, a Rose Book or Magazine, or a Rose Catalog, this is included after the colour classification.
NOTE: To new contributors, and new members of the C.R.S., when you see the comment "No reports" it means that this variety has been recorded in the Clearing House in previous years but that no reports have been received in the current year. If you wish to have information on a variety marked "No reports" just look it up in a previous Canadian Rose Annual. A rose is reported for seven years, plus the current year. You will then see the notation, "Last year for reporting this rose". You can find more information on that variety in previous Annuals.
Suggestions on improving The Clearing House are welcomed.

ABBEYFIELD ROSE, H.T. (Cocker '83, intr. '85) (National Trust x Silver Jubilee). DP (dp), deep rosy pink, 35 petals. Flood (4 pls 5 yrs 2.5' ON): Small exhibition type, short stems, very clear colour, non-fading. Excellent substance, not prone to weather damage, stands up to rain and fall heavy dew. Excellent red foliage, healthy and hardy.

ALMONDEEN, H.T. (Christensen '82, intr. '84) (Angel Face x First Prize). PB (pb), almond and pink blend, 40+ petals. No reports.

AMERICAN SPIRIT, H.T. (Warriner '87) (Unnamed seedling x American Pride). MR (mr), bright red, 40-50 petals. Dyck (1 pl 2 yrs 1.5m BC): Big double bloom, always perfect and beautiful, very good substance, very fragrant. A good repeater, always some for cutting, keeps well. A fine red rose. Tall grower, long stems, healthy dark green foliage, hardiness good. Flood (3 pls 1 yr 4' ON): Medium size exhibition blooms, great substance, long lasting as a cut flower. Shows a lot of vigour for first growing season. Johnson (1 pl 1 yr QC): Large fully petalled bloom, colour somewhat dull, petal edges burn in hot sun. Not exhibition form, many split centres, fair substance, few blooms. Tall grower, no disease. Received as substitute for Bride's Dream, now think I can do without either of them. Shewchuk (1 pl 3 yrs 3' AB): 5"+ bloom, long stems, exhibition form, good substance, fragrant, bloom repeat not good. An upright
grower, large dark glossy foliage, no disease, hardy with proper protection.

APRIL HAMER, H.T. (R.J. Bell '83) (Mount Shasta x Prima Ballerina). PB (pb), shell pink/bright pink edges, 40 petals. No reports. (Last year for reporting this rose).

AROWAGO (SHOWOFF), H.T. (Christensen '86) (Typhoo Tea x Snowfire). RB (rb), velvety brilliant red/reverse silvery blend, 35 petals. No reports.

AUDREY HEPBURN (JOAN'S DESIRE), H.T. (J. Twomey '90) (Evening Star x unnamed seedling). (mp). Beattie (1 pl 1 yr 3' MB): Medium size bloom, HT form, holds well, so does colour, good substance. Upright growth habit, good medium green foliage, no disease. I like this rose, think it will be a winner.

AZURE SEA, H.T. (Christensen '83) [(Angel Face x First Prize) x Lady X]. MB (mb), silvery lavender/petals edged ruby/deeper reverse, 30 petals. Kopecky (1 pl 1 yr 3' NE): Good form and substance, could be exhibition.

Upright grower, no disease, seems to be hardy with minimal cover. One of the better mauves on the market. (Last year for reporting this rose).

BERYL BACH, H.T. (Harkness '85) (Sunsprite x Silver Jubilee). YB (yb), yellow blended pink, 40 petals. Flood (4 pls 5 yrs 4.5' ON): Large exhibition type, produces many long stemmed blooms in spring, they get smaller and stems get shorter as season progresses. Some confused centres but good blooms make up for it. Colour changes from bloom to bloom, has old fashioned garden rose look, good substance. Very healthy, foliage very light green, very hardy. I like it very much. Ings (1 pl 1 yr 30" PE): Medium size bloom, exhibition form, good substance, borne singly, excellent repeat bloomer. Strong neat growth habit, dark green strong foliage, good disease resistance. First year for bush, prize winner Provincial Rose Show. Stanton (1 pl 1 yr 3' ON): Shapely bloom, pretty shade, exhibition form, good substance, good repeat. Tall vigorous grower, large dark foliage, very little disease.

BLUE RIBBON, H.T. (Christensen '84, intr. '86) [(Angel Face x First Prize) x Blue Nile]. M (m), lavender, 35 petals. No reports.

BLUE RIVER, H.T. (Kordes '84) (Blue Moon x Zorina). MB (mb), lilac shaded deeper at petal edges, 35 petals. Hopkins (1 pl 5 yrs 3' ON): Medium size double bloom, good substance, strictly a 'garden' rose, fragrant. Vigorous upright grower, medium green semi-glossy foliage, no disease, hardy. Stanton (1 pl 1 yr 2' ON): Deep mauve, crimson edged, not as pretty as Paradise. Very close petals, good substance, repeats well. Glossy foliage, very little disease. Not as fragrant as I expected but an interesting attractive plant.

BLUE WONDER, H.T. (Kordes, not reg'd. intr. '84). MR(mr). No reports.

BRIDE'S DREAM (MARCHENKONIGIN), H.T. (Kordes '85, intr. '86) (Royal Highness x seedling). LP (lp), very pale pink/light gold at base, 32 petals. Chambers (1 pl 1 yr 3' NS): Perfect globular form, blooms open slowly on long stems, displaying the lovely delicate shades of pink. At its best during early summer or September-October as it tends to fade in hot summer sun. For exhibition use should be shaded in some way. Straight upright grower, dark green foliage, slight blackspot. Hopkins (3 pls 2 yrs 5' ON): Double bloom, high centred exhibition form, excellent substance. Outstanding dark green foliage, disease resistant, hardy. Best rose in my garden, ideal for cutting, outstanding. Raven (1 pl 1 yr 2.5' AB): Colour looks washed out, pale muddy ghost white. Some balling, poor decorative form, poor substance. Much prefer its parent Royal Highness. So far this

year (mid-August) have not had one nice bloom. Will keep it and see next year but not impressed. No disease. Smallenberg (1 pl 1 yr 5.5' BC): Lovely bud opens very slowly but doesn't open fully before it begins to fade. Similar to Royal Highness in colour. 5" bloom, cupped form, fair substance but not rain tolerant. Good long strong stems, few thorns, olive green semi-glossy foliage, touch of mildew, hardy in our coastal climate.

BRINESSA, H.T. (Delforge, not reg'd, intr. '85). (pb), 25 petals. Cochran (2 pls 3 yrs 4' CA): Medium size bloom, wavy notched petals, centres spiral but not high, more decorative form, fair substance. Form and mottled pink colour have problems in this cool foggy climate, will remove. Upright branching grower, medium green foliage, some mildew.

BROADWAY, H.T. (Anthony Perry '85) [(First Prize x Goldglow) x Sutter's Gold]. YB (yb), golden yellow/tipped pink, 35 petals, AARS '86. Balcom (1 pl 5 yrs tall ON): High centred form, good substance. A very good year for this rose, best colour when in semi-bud stage, blooms all at one time. Disease resistant, hardiness excellent. Decker (1 pl 5 yrs 4' AK): Large bloom, no side buds, exhibition form, good substance, medium repeat cycle, nice colour, some fragrance. Upright growth habit, large foliage, mildews. Kopecky (3 pls 4 yrs 3' NE): Large bloom, decorative form, some split centres, good substance, ample bloom. Will be in my garden as a decorative. An AARS selection that makes one wonder who chooses the winners. Bushy growth habit, some blackspot, hardiness very good. Raven (1 pl 3 yrs 2' AB): Decorative form, fair substance, some balling, not a heavy bloomer or quick repeat. Looks great when it opens but ages quickly. Glossy green foliage, some rust, hardiness OK if mounded. Shewchuk (1 pl 5 yrs 1.5' AB): 4-5" bloom, exhibition form, good substance. Spots badly in rain, fades in sun, repeat not good, will discard. Neat upright bush, leathery foliage, no disease, hardy with proper protection.

CARAMELLA, H.T. (Meilland '86, not reg'd.). AB (ab). No reports.

CARY GRANT, H.T. (Meilland '87) [(Pharaoh x Konigin der Rosen) x {(Zambra x Suspense) x King's Ransom}]. OB (ob), golden orange/tangerine. Cochran (2 pls 3 yrs 4.5-5' CA): 6" bloom, exhibition form with 3-4 blooms per stem, must be disbudded early, good substance, opens slowly, a real show stopper. Floriferous, likes warm weather, wet fog damages colour. Upright spreading growth habit, strong stems, well clothed with dark grey-green matt foliage, no disease. Lacroix (3 pls 3 yrs 3' QC): Extra large blooms, good high centres but some split and quartered early in season, very sweet fragrance, very good rose. Many thorns.

CELEBRITY, H.T. (Weeks '88, intr. '89) [(Sunbonnet x Mister Lincoln) x

Yello Yo Yo]. (dy), dark golden yellow, 30-35 petals. Cochran (2 pls 3 yrs 3.5' CA): Large pointed buds open rather fast to high centred blooms but a beauty. One of the best new yellows but a little loose, cut tight for exhibiting. Good stiff substance, fruity fragrance, wonderful bright garden colour, non-fading, floriferous, excellent repeat. Large dark green foliage, no disease.

CHABLIS, H.T. (Weeks '83, intr. '84) (Seedling x Louisiana). W (w), creamy white, 40+ petals. No reports.

COCdana (FULTON MACKAY), H.T. (Cocker '88, intr. '89) (Silver Jubilee x Jana). (yb). Flood (2 pls 1 yr ON): Not many blooms in first year, not exhibition. Advertised for a hedge, certainly very weak growth. Will review next year.

CRYSTALLINE (VALERIE SWANE), H.T. (Christensen x Carruth '87) [Bridal Pink x (Blue Nile x Ivory Tower x Angel Face)]. W (w), 30-35 petals. Cochran (3 pls 1 yr 4' CA): Exhibition blooms, HT centres that hold their form, good substance, great garden production, borne 1-3 and small sprays, light fragrance. Creamy white buds open to pure white blooms, one of the better whites today. Clothed with healthy foliage, on long stems that support blooms without drooping.

CYRIL FLETCHER, H.T. (Bees Ltd. '83) (Fragrant Cloud x Whisky Mac). W (w), creamy white, 35 petals. No reports. (Last year for reporting this rose).

DELTA GOLD, H.T. (A. Perry '88. intr. '89) (Arizona x World Peace). (yb), yellow/cherry red. Cochran (2 pls 2 yrs 4-5' CA): Beautiful colour, urn shaped buds, medium size open blooms a blend of both colours, quite spectacular. For exhibition and garden colour, borne 1 per stem. Upright bushy growth habit, dark glossy foliage, no disease.

DOCTOR DICK (DR. DICK), H.T. (J. Cocker '85, intr. '86) (Fragrant Cloud x Corso). OB (ob), 40-45 petals. Cochran (4 pls 4 yrs 4-5' CA): Pinkish orange-coral blend is so beautiful, non-fading. Large buds open very slowly to very large blooms with high centred perfect exhibition form, excellent substance, last for days without losing colour or form. One fault - it's an intermittent bloomer. Upright bushy grower, medium green matt foliage, no disease so far. Flood (2 pls 3 yrs 3' ON): Very shapely bloom, exhibition form, excellent substance, produced 1 to a stem, some fragrance. Very beautiful rose, colour is so clear and lasts well in sun. Great rose to take to the Show. Erect grower, healthy glowing foliage, hardy.

DOLLY PARTON, H.T. (Winchel '84, intr. '83) (Fragrant Cloud x

Oklahoma). OR (or), luminous orange-red, 35 petals. Hopkins (2 pls 5 yrs 4' ON): Double, very large blooms, exhibition form, excellent substance, very fragrant. Early blooms very nice, then mildew takes over. Hardy. Pearson (1 pl 2 yrs 3' BC): Huge 7" blooms, fully double, exhibition form, good substance, outstanding fragrance. Doesn't repeat well. Weak grower, good on show table if you can control mildew. Will keep it despite proneness to mildew. Raven (1 pl 2 yrs 2' AB): Heavy double bloom, decorative form, good substance, good repeat. Very impressed last year but it didn't do as well this year, perhaps the weather. Light green foliage, mildews, hardiness OK if mounded. Shewchuk (1 pl 4 yrs 2.5' AB): bloom 6" and larger, 40 very large petals, sweet fragrance, great for potpourri. Exhibition form, very good substance. Has improved tremendously in vigour, number of blooms and repeat, so I will keep it. Neat upright bush, large dark glossy foliage, susceptible to mildew, hardy with proper protection. (Last year for reporting this rose).

DOROTHY ANNE, H.T. (Winchel '85) (First Prize x Lady X). PB (pb), white blending to deep pink at edges. Chauncey (1 pl 3 yrs 3' BC): Sparse bloomer but colour and shape when in bloom is breathtaking. Classic reflexing exhibition form, colour shading from pale pink to deep raspberry, very fragrant. Long lasting exhibition rose but not good garden rose. Hopkins (1 pl 2 yrs 3.5' ON): This rose has not shown a bloom worth looking at in two years. Compact grower, dark green foliage, blackspot and mildew, hardy.

DOTHAN, H.T. (A. Perry '83) (Koppies x King of Hearts). MP (mp), 35 petals. Chauncey (1 pl 2 yrs 3' BC): Huge balls of petals that didn't open. Not enough heat here? I shovel pruned. (Last year for reporting this rose).

DOUBLE PERFECTION, H.T. (Winchel '88, intr. '87) [(My Dream x First Prize) x unnamed seedling]. (rb), strawberry red & cream. Cochran (4 pls 3 yrs 4-5' CA): White buds tipped with raspberry-red and suffused over petals, raspberry-red colour deepens with age but never turns ugly red like Headliner. Exhibition form, good substance, fragrant, not a heavy bloomer. Upright branching grower, large dark green semi-glossy foliage, no disease. King (1 pl 1 yr 4' TX): Like Double Delight but much better than Double Delight or Headliner, good potential. A-1 form, great substance. Somewhat spreading grower, dense leathery foliage, tender.

DUBLIN, H.T. (A. Perry '82, intr. '83) [(Seedling x Mister Lincoln) x Anne Letts]. MR (mr), 35 petals. Hopkins (1 pl 2 yrs 4.5' ON): Heavy large blooms but weak necks, exhibition form, excellent substance, a few blooms outstanding. Leggy sprawling growth habit, some blackspot, hardy. Lacroix (1 pl 1 yr 4' QC): Exceptional exhibition quality, good colour, cerise with

darker edges, will burn in very hot sun. Raspberry fragrance, profuse bloomer, but weak necks a problem, no disease. Stedman (1 pl 1 yr 4' PE): Early season blooms very good, large, high centred, some with weak necks, very slow to open. Medium red with lighter reverse, petal edges will burn. Quite vigorous and very thorny, hope for more blooms next year. (Last year for reporting this rose).

DUFTRAUSCH (SENTEUR ROYALE), H.T. (Tantau '85, intr. '86). MP (mp), 40+ petals. Lacroix (3 pls 1 yr 4' QC): More of a purple pink to me, colour similar to Stephens' Big Purple. Very little fading, guard petals streaked with white, must be removed for exhibition. Some exhibition blooms and very good garden rose. Will keep for very strong fragrance.

DUKE WAYNE, H.T. (Weddle, not reg'd. intr. '87). (dp). No reports.

ELINA (PEAUDOUCE), H.T. (Dickson '85, intr. '83) (Nana Mouskouri x Lolita). MY (ly), pale yellow to ivory, 35 petals, N.Z. Gold Star '87. Chauncey (2 pls 2 yrs 4.5' BC): Always in bloom, produces more flowers than any other plant in garden. Blooms do not look like English catalog as mine do not have reflexing blooms. High centred form with rounded petals, opens flat, very lovely when open. Terrific rose for beginner. Vigorous spreading grower. Hopkins (3 pls 4 yrs 5' ON): Large rounded double blooms, exhibition form, excellent substance, long lasting, slight fragrance, long stems. Upright grower, light green foliage, no disease, hardy. Highly recommend this rose. Johnson (1 pl 1 yr tall QC): Large well formed blooms, many exhibition, very good substance, plentiful. Deserving of all the favourable comments it is getting. Tall willowy grower, no disease. Lacroix (3 pls 2 yrs 3' QC): One of the better roses that I have grown in a few years. Soft yellow colour, extra large exhibition form blooms on long stiff stems, mostly 1 per stem, light fruity fragrance, profuse bloomer. Would recommend it to everyone. Very good foliage on a very vigorous somewhat spreading bush, no disease. Pearson (1 pl 2 yrs 3' BC): Large beautiful ivory blooms, exhibition form, good substance, excellent exhibitor's rose and garden rose, a keeper. Tall upright grower, dark glossy foliage, some mildew. Porter (1 pl 1 yr 16" SK): Double, exhibition form bloom in small clusters, excellent substance. Slow to establish, plant lacked vigour and produced only 1 cluster of bloom all season, some shoots were blind. Will give it one more year. Mildewed late in season. Smallenberg (2 pls 4 yrs 4.5' BC): 5"+ bloom, classic form, never a confused centre, excellent substance, floriferous and excellent repeat. Beautiful rose, constantly in bloom, very rain tolerant, always singles, long lasting on bush and cut, stems in midsummer sometimes a bit weak, excellent autumn bloom, slight fragrance. Vigorous spreading grower, dark green semi-glossy foliage, slight mildew late in season. Yeomans (3 pls 2-4 yrs 6' BC): Good grower and producer, exhibition blooms. Touch

of blackspot, possibly tender. Would not be without it. (Last year for reporting this rose).

ELIZABETH TAYLOR, H.T. (Weddle '86) (First Prize x Swarthmore). DP (dp), 35 petals. Hopkins (1 pl 3 yrs 4' ON): Large bloom, high centred exhibition form, excellent substance. A few blooms are classic award winners, a few have white streak. Upright grower, dark green foliage, mildews badly, hardy. Kopecky (2 pls 2 yrs 3.5' NE): Sometimes exhibition form, very good substance. This rose is finally showing its potential, takes about three years for Canadian roses to get established then they are very good. No disease noted, hardiness very good. Lacroix (1 pl 3 yrs 2.5' QC): Beautiful high centred roses on long stiff stems, mainly an exhibition rose as bloom production is rather low for garden use, some balling in wet weather. Spreading growth habit, no disease.

ELMHURST, H.T. (A. Perry '85) (Granada x Helmut Schmidt). YB (yb), 35 petals. Hopkins (1 pl 3 yrs 3.5' ON): Large double bloom, exhibition form, good substance. Improves each year, some blooms classic form, colour varies, yellow/apricot/pink. Upright grower, dark green foliage, disease resistant, hardy.

EVA GABOR (SENTIMENTAL), H.T. (M & P Olesen '83) (Unnamed seedling x unnamed seedling). DP (dp), 40 petals. No reports. (Last year for reporting this rose).

FELICITY KENDAL, H.T. (Sealand Nurs. '85) (Fragrant Cloud x Mildred Reynolds). OB (ob), salmon-orange, 35 petals. Hopkins (1 pl 3 yrs 3' ON): Outstanding colour, small bloom, high centred exhibition form, excellent substance, long lasting. Upright grower, dark green foliage, no disease, hardy. Jubien (1 pl 2 yrs 3' QC): Small decorative form bloom, good substance. Inclined to be tall grower, good foliage, no disease, hardiness good. Have decided to keep this rose, but place where it is growing is too cramped.

FRAGRANT DREAM, H.T. (Dickson '88). (ab). Flood (2 pls 2 yrs 3.5' ON): More garden type than exhibition, very free flowering. Useful for its colour for flower arranging, produces many blooms, repeats quickly. Very fragrant. Vigorous growth, excellent foliage, hardy.

FREEDOM, H.T. (Dickson '84) [(Eurorose x Typhoon) x Bright Smile]. DY (dy), chrome yellow, 35 petals, RNRS GM '83. Flood (2 pls 3 yrs 2.5' ON): Garden type, strong unfading colour. Slow to repeat, useful for its colour. Short grower, healthy foliage. Stedman (1 pl 1 yr 3' PE): Small to medium floribunda size blooms of bright unfading yellow. Seems better in cooler weather, blows rather quickly in heat, opens to show stamens of dirty

brown. Excellent bushy growth, abundant foliage, no disease. Wouldn't replace.

FROHSINN '82 (TANSINNROH in U.S.), H.T. (Tantau '84). AB (ab), apricot/peach/gold blend, 35 petals. Brisbane (1 pl 3 yrs 3' BC): Beautiful blend of colours, non-fading. Large exhibition form blooms open slowly and hold well, heavy substance, fruity fragrance. Upright grower, dark green leathery foliage, disease free with faithful spraying. Was disappointed with first year performance but form and production have improved steadily, now a lovely rose. Heaslip (2 pls 3 yrs 4', BC): Very large exhibition form bloom, good substance. Colour outstanding, apricot, peach and gold edged deep pink as it ages. Bushy grower, dark leathery foliage, no disease. Lacroix (1 pl 1 yr 2' QC): Exceptional colour with extra good form and substance, a must for exhibition, medium fruity fragrance. Not very vigorous and low flower production, may improve next year. No disease. Stedman (1 pl 2 yrs 3' PE): Very lovely bloom, very few exhibition blooms this year, hope for better blooms in '91. Will blackspot. Much winter kill, took most of summer to come back, may need extra protection.

FRYjingo (THE LADY), H.T. (Fryer '85) (Pink Parfait x Redgold). YB (yb), honey yellow/edged salmon, 35 petals, Baden-Baden GM '87. Chauncey (1 pl 1 yr 1.5' BC): Another flower arranger's prize! Blooms too small for exhibition but colour goes well with other pinks and yellows. Borne singly on long stems, long lasting, one of my favourites. Heaslip (1 pl 1 yr 4' BC): Very large bloom, exhibition form, very good substance, slight fragrance. Upright grower, medium green semi-glossy foliage, disease free. Yeomans (1 pl 3 yrs 6' BC): Elegant long flowers, good production, very good garden rose. An elegant bush, healthy.

FUNKUHR (GOLDEN SUMMERS), H.T. (Kordes '84) (Unnamed seedling x unnamed seedling). YB (yb), yellow/edged medium red, 35 petals. No reports.

FYVIE CASTLE, H.T. (Cocker '85) [(Sunblest x {Sabine x Dr. A.J. Verhage}) x Silver Jubilee]. PB (pb), light apricot, amber and pink blend, 35 petals, NZ Gold Medal '85. Flood (2 pls 2 yrs 3' ON): Exhibition, beautifully formed blooms, one to a stem, great substance, excellent colour, repeats well. One of my favourites, an outstanding rose. Healthy and hardy.

GIVENCHY (PARIS PINK), H.T. (Christensen '86) (Gingersnap x Double Delight). RB (rb), pink blushed red/pink reverse/ yellow base, 30 petals. No reports.

GOLDSTAR (CANDIDE)(POINT DU JOUR), H.T. (Cants '83, intr. '84)

(Yellow Pages and Dr. A.J. Verhage). DY (dy), 35 petals, The Hague GM '84. No reports.

GRACELAND, H.T. (Warriner '88, intr. '89) (New Day x unnamed seedling). (my), yellow with pink touches, 28 petals, J&P Rose of the Year '89, The Hague GM '88. Flood (3 pls 1 yr ON): Floppy form, good substance, looks like an updated version of Dr. A.J. Verhage. Plants I received were weak so there was no vigour and not much bloom. If they last the winter I will report next year. Shewchuk (1 pl 1 yr 2.5' AB): 4 1/2" bloom, cupped decorative form, wavy petals, good substance, does not fade easily, good repeat. An eye catcher, will be good addition to our rose garden if it continues to do well. Upright vigorous grower, medium green matt foliage, no disease.

GUY LAROCHE (CHATEAU DE VERSAILLES)(GORGEOUS GEORGE)(LA TOUR D'ARGENT), H.T. (Delbard '86) [Unnamed seedling x (Michelle Meilland x Gala)]. RB (rb), brilliant red/white reverse, 30 petals. No reports.

HEADLINER, H.T. (Warriner '85) (Love x Colour Magic). PB (pb), pink blending to deep pink at edges, 40 petals, J&P Rose of the Year '86. Arberry (1 pl 1 yr 4' BC): Similar to Double Delight but not as vivid. This rose is what I would call a bit above fair, prefer Double Delight for colour and fragrance. Loads of bloom, singles and clusters. Very good form, average substance. Upright growth habit, glossy foliage, mildews in late season. Decker (1 pl 5 yrs 3.5' AK): High centred exhibition form but some confused centres, can give an exhibition bloom, good substance. Balls in rain, not a good rose for our climate. Mildews. Dyck (1 pl 2 yrs tree BC): Like Double Delight but better form, planted them side by side so I got a wonderful combination. No fragrance, fades in heat. Bushy grower, light green foliage, some mildew. Hart (2 pls 1-2 yrs 3.5' ON): Beautiful high centred bud, 5-6" bloom, very good substance. Doesn't like heat, buds ball in wet weather, edges turn brown. Strong vigorous growth habit, no disease. Came through 89-90 winter with mound of soil 12" high, in an unprotected garden. Ings (2 pls 3 yrs 30" PE): Large blooms on single stems, exhibition form, excellent substance. Good exhibition rose, winner 2 years at Provincial Show. Tidy strong bushes, disease resistant, hardiness good. Johnson (1 pl 3 yrs 40" QC): Very good form, good substance, some blackspot, frequently damaged by cucumber beetles. Tall grower, hardiness OK. Mychaluk (1 pl 2 yrs AB): Large bloom, loose form, definitely not exhibition, substance OK, not terribly impressed. OK growth habit, some mildew, hardiness good. Shewchuk (1 pl 5 yrs 2.5' AB): Long pointed buds, 4.5" bloom, exhibition form, good substance, bloom repeat not good. Large medium green glossy foliage, no disease, hardy with proper protection. Stedman (1 pl 1 yr 3.5'

PE): Early season blooms excellent exhibition quality, very poor blooms from midsummer on. Didn't like hot humid weather, either balled or bullnosed. Quite vigorous, some blackspot, hope for better things next year. Replacement for winterkilled bush, may need extra protection.

HEIDI JAYNE, H.T. (Esser '86) [(Piccadilly x Queen Elizabeth) x (Fragrant Cloud and unnamed seedling)]. DP (dp), bright deep pink, 32 petals. Chauncey (1 pl 1 yr 4' BC): Silver rim on deep pink bloom, it's breathtaking. Exhibition form, very sparse bloomer this year, looking forward to next year. An exhibitor's rose, not a good garden rose. Flood (3 pls 4 yrs 3' ON): Exhibition type, produces many blooms, one to a stem. Clear colour, great for exhibition. Good foliage, healthy and hardy. Ings (1 pl 1 yr 2.5' PE): Double bloom, exhibition form, very good substance, slow repeat. Inclined to have weak stems, good foliage. Yeomans (1 pl 3 yrs 6' BC): Exhibition type bloom, upright plant, healthy. Will keep.

HOLSTEINPERLE (HEIDI KABEL), H.T. (Kordes '87). DP (dp), dark orange-red/pink reverse, 35-45 petals. Cochran (2 pls 3 yrs 4' CA): Non-fading colour, large buds and blooms, open slowly to high centred exhibition form, good substance. Floriferous but a problem opening in wet foggy weather. Classed as dp, incorrect as it's a dark orange-red. Upright spreading growth habit, dark glossy foliage, no disease.

INGRID BERGMAN, H.T. (Poulsen '84) (Precious Platinum x seedling). DR (dr), velvety dark red, 30 petals, Belfast GM '85, Madrid GM '86, NZ Gold Medal '89. Dyck (1 pl 3 yrs 80 cm BC): Smallish bloom, beautiful form and substance without exception, very fragrant. Bushy grower, dark green foliage, no disease. If I want one perfect red rose, it's Ingrid, just no faults. Hopkins (1 pl 5 yrs 3.5' ON): Large double blooms, garden or exhibition, good substance. Inconsistent, this year a few blooms were outstanding. Disease resistant, hardy. Lacroix (1 pl 2 yrs 3' QC): Non-fading colour is only good quality. Ugly, messy, confused centres, short stems. Poor old Precious Platinum must have been bred with a cauliflower. Will shovel prune. Mychaluk (1 pl 4 yrs medium AB): Gorgeous velvety deep red colour, definitely exhibition form, excellent substance, can cluster, good repeat. Took a bloom to Rose Judging School and the ladies fell in love with Ingrid. As an actress she was renowned for her quiet subtle beauty, same can be said for the rose that's named after her. No disease, hardiness excellent. Pearson (1 pl 1 yr 3' BC): Large, fully double exhibition form bloom, good substance, basically an exhibitor's rose, not good repeat. Will keep. Some mildew. Shewchuk (2 pls 5 yrs 2.5' AB): 5" well formed bloom, exhibition form, good substance, holds colour well, good repeat, fragrant. One of my better roses. Large dark glossy foliage, no disease, hardy with proper protection. Stanton (1 pl 2 yrs 3.5' ON): Lovely colour, exhibition

form and excellent substance, fragrant. Took a little while to get started after the winter. Tall bushy grower, very little disease, hardiness seems good. Yeomans (1 pl 4 yrs 4.5' BC): A very good garden rose, makes a fine bush, good foliage.

INK SPOTS, H.T. (Weeks '85) (Unnamed seedling x unnamed seedling). DR (dr), 35 petals. No reports.

JacaKOR (JACARANDA), H.T. (Kordes '85) [(Mercedes x Emily Post) x unnamed seedling]. MP (mp), mauve-pink, 35 petals. Heaslip (1 pl 1 yr 4' BC): Very large exhibition form bloom
with good tight centres, good substance but will spot in rain, very fragrant. Straight stems, shiny green foliage, no disease. Hopkins (1 pl 1 yr 3' ON): Exhibition form with high centres, good substance. Low grower, sparse bloomer, hope for improvement next year. Some blackspot. Lacroix (1 pl 1 yr 3' QC): More of a deep pink for me, flat ugly bud opens to high centred 4" exhibition bloom, good substance, opens very fast but lasts well, first rose to bloom this spring. Most fragrant rose in my garden, more fragrant than Papa Meilland, Chrysler Imperial or Granada. Vigorous grower. Raven (1 pl 1 yr 1' AB): Double bloom, decorative form, good substance, fair amount of bloom, in clusters, good repeat. Interesting, needs another year to settle in, has possibilities. No disease, hardiness OK if mounded.

JOHN-PAUL II, H.T. (Guy Brisebois x Jack McIntyre '84, J&P Nursery). OB (ob), 40-42 petals. Balcom (1 pl 6 yrs medium ON): Many purchased this rose in '84 when Pope John Paul II came to Midland. Good form and substance but has a weak neck. Compact growth habit, disease resistant, hardiness excellent. Shewchuk (1 pl 3 yrs 2.5' AB): Attractive 4" bloom, exhibition form, much like Tropicana but more and smaller petals and not as good substance. Bush has improved tremendously over last two years in bloom repeat, amount of bloom and vigour. Medium green semi-glossy foliage, mildews, hardy with proper protection.

KIMBERLEY ANNE, H.T. (F. David Evans '83) (Virgo x Secret Love). W (w), 35 petals. No reports. (Last year for reporting this rose).

KONIGIN BEATRIX (QUEEN BEATRIX), H.T. (Kordes '83) (Seedling x Patricia). OB (ob), 35 petals. Lacroix (1 pl 5 yrs 3' QC): Good colour but fades in hot sun, high centred form, opens fast, good substance, very fragrant. Very good glossy foliage, no disease. Stedman (1 pl 4 yrs PE): Small H.T. bloom, lovely orange blend, split and muddled centres but occasionally exhibition in cooler weather. Strong fruity fragrance. (Last year for reporting this rose).

KONRAD HENKEL (AVENUE'S RED), H.T. (Kordes '83) (Seedling x Red Planet). MR (mr), 35 petals. Arberry (1 pl 2 yrs 5' BC): Exceptional colour, almost a velvet red, exhibition form, very good substance, seems to be in bloom at all times. One of my best reds. Semi-glossy foliage, no disease, hardiness very good. Balcom (1 pl 5 yrs tall ON): High centred exhibition form, good substance, a red that stands up to the others, will not blue. Upright grower, dark thick foliage, disease resistant, very hardy. Hopkins (1 pl 5 yrs 4' ON): High centred exhibition form, excellent substance, medium size bloom, excellent cut flower, long stems, fragrant. Disease resistant, hardy. Kopecky (1 pl 3 yrs 4' NE): Always excellent exhibition form, excellent substance, one of the better reds introduced recently. Bloom production could be better but what comes is usually top grade. No disease noted, hardiness very good. Lacroix (2 pls 4 yrs 4' QC): Excellent exhibition form bloom, and excellent substance, lasts very well, very long stiff stems. Wish it bloomed a bit more as blooms are about best in class. Improves every year, would recommend to all. Good foliage, no disease. Pearson (1 pl 2 yrs 3' BC): Large fully double bloom, exhibition type, good substance. Another red to try on show table but not overly impressed. Some mildew. Shewchuk (2 pls 2 yrs 2.5' AB): 4-5" well formed bloom, exhibition form, excellent substance, does not fade easily, stands up to rain very well, good repeat, sweet fragrance. I like this rose, will increase. Susceptible to mildew, hardy with proper protection. (Last year for reporting this rose).

KORhanbu (BELAMI), H.T. (Kordes '85) [(Prominent x Carina) x Emily Post]. MP (mp), light pink/edged carmine, 35 petals. Cochran (4 pls 5 yrs 4-5' CA): Spiral centred exhibition form, excellent substance, opens a little fast, many 1 bloom per stem and clusters, long stems, lovely fragrance. Have exhibited this beautiful variety winning top awards, perfect in all respects except it spots in foggy weather. Upright branching growth habit, leathery dark green foliage, disease resistant. Heaslip (1 pl 1 yr 5' BC): Shell pink with edge pencilled strawberry pink, large bloom, perfect exhibition form, very good substance, fragrant. No disease. King (1 pl 1 yr 4' TX): Always loaded with buds and blooms of excellent form, has already won in many show. A winner, both in garden and for show. Reddish green foliage, no disease. Lacroix (1 pl 1 yr 3.5' QC): Should be classified PB. Profuse bloomer but small blooms ball in wet or hot weather, thin weak stems, some scent. Ones that opened were exceptional but they were the exception. Hope it improves.

KORlingo (KARDINAL), H.T. (Kordes '85) (Unnamed seedling x Flamingo). MR (mr), 35 petals. Hopkins (1 pl 2 yrs 3' ON): Small double bloom, exhibition form, good substance, sparse bloomer, did not improve in second year. Upright grower, some mildew and blackspot, hardy. Lacroix (1 pl 2 yrs 4' QC): Very bright red that fades very little, smallish for exhibition

but very good garden rose. High centred form, very heavy substance, moderate raspberry fragrance, slow to repeat. Sparse foliage, no disease. Pearson (2 pls 2 yrs 3' BC): Smallish double bloom, decorative form, fair substance, good repeat, good garden rose for us, good for cutting, lasts. Perhaps a Kordes attempt at a florist's rose. Weak compact grower, sparse foliage, good disease resistance. Shewchuk (2 pls 2 yrs 2.5' AB): 4.5" bloom, exhibition form, good substance, long lasting but colour fades in rain, good repeat. No disease, hardy with proper protection.

LADY DIANA, H.T. (Hoy '86, intr. '83). LP (lp), 40 petals. Chauncey (1 pl 1 yr 2.5' BC): Perfect for flower arrangers, exhibition type but small for exhibition. Shewchuk (2 pls 1-2 yrs 2' AB): 4.5" bloom, attractive shape and colour, exhibition form, good substance, stands rain well, good repeat. Vigour improved this year, large medium green glossy foliage, will mildew, hardy with proper protection. (Last year for reporting this rose).

LANVIN, H.T. (Christensen '86) (Unnamed seedling x Katherine Loker). MY (my), bright yellow, 30 petals. Dyck (1 pl 1 yr 80 cm BC): All 8 blooms opened at the same time, perfect, like paper roses. Disappointed in this one, no personality, there are many better ones in this class. Bushy grower, dark green foliage, no disease.

LIMELIGHT (GOLDEN MEDALLION), H.T. (Kordes '85) (Peach Melba x seedling). MY (my), lime green, 35 petals. Lacroix (1 pl 1 yr 4' QC): One of the better yellow garden roses for me, no fading, medium size blooms with high centres, very heavy substance, profuse bloomer, extremely long lasting, all singles, no clusters. Should be in grandiflora class where it would make a killing, very good rose. No disease. Raven (1 pl 1 yr 2.5' AB): Rather unusual greeny-yellow, some may not like it but I do. Medium size bloom, fair substance, good number of blooms, in clusters, rain can spoil it at times. Upright grower, touch of mildew, hardiness OK if mounded. Yeomans (1 pl 1 yr 4' BC): Prolific bloomer, bushy, healthy, good garden rose, a keeper.

LINCOLN CATHEDRAL, H.T. (G.W.T. Langdale '85) (Silver Jubilee x Royal Dane). OB (ob), outer petals pink/inner orange/ yellow reverse, 28-33 petals, RNRS GM '85. Cochran (2 pls 5 yrs 3.5' CA): HT form blooms, wide petals, great substance, borne mostly 1 per stem. Most unusual blend of soft tones, beautiful fragrance, excellent productivity. Very impressed with this lovely rose. Upright branching growth habit, dark glossy foliage, no disease so far.

LOBO, H.T. (Perry '87) (Kordes Perfects x Gavotte). (rb) Hopkins (1 pl 1 yr 3' ON): Small double blooms, exhibition form, good substance but weak plant and sparse bloomer. Will need another year before making decision to

prune out or keep. Compact growth habit, dark green foliage, some mildew.

LOVELY LADY (DICKSON'S JUBILEE), H.T. (Dickson '86) [Silver Jubilee x (Eurorose x Anabell)]. (mp), 35 petals, Belfast GM '84. Cochran (2 pls 4 yrs 3.5-4' CA): Bright medium pink stays colourfast in most weathers. Large thick buds open to exhibition type bloom but somewhat loose form when 3/4 open, must be cut tight to show. Vigorous, floriferous and quite a joy for garden colour when fully open. No disease if sprayed. Flood (2 pls 3 yrs ON): Exhibition form, graceful buds, great substance. Again, roses with Silver Jubilee parentage have such clear colour, one of the best in my garden. Vigorous grower, lots of new basal breaks, very healthy, rich reddish dark green foliage. A winner.

MACarom (GOLDIE), H.T. (McGredy '88) (Unnamed seedling x Golden Gate). (my). Hopkins (1 pl 2 yrs 5' ON): Large double bloom, garden form, good substance. Nice fragrance, lovely foliage, otherwise save your money as the blooms are only so-so. Disease resistant, hardy. Shewchuk (2 pls 3 yrs 1.5' AB): Very showy 4" double bloom, high centred HT form, good substance, in large clusters, always in bloom, stands rain well. Upright neat bush, large dark glossy foliage, no disease, but bush lost some vigour last year and again this year.

MACcyfre (SOLITAIRE), H.T. (McGredy '87) (Decorat x Benson & Hedges Gold). YB (yb), yellow edged red. Heaslip (1 pl 1 yr 9' BC): Very pale yellow, finely edged with salmon, frilly petals, exhibition form, very good substance. Grows more like a climber, dark green shiny foliage, disease free.

MACponui, H.T. (McGredy '88) (Freude x Typhoo Tea). PB (pb), dark salmon pink. Eyvindson (1 pl 2 yrs 3' MB): Exhibition form in bud, excellent substance, very floriferous and good repeat, in singles and superb clusters, survives heat well. A great rose, stays in my mind as a favourite in both years. Strong basal shoots, no disease, hardiness OK. Raven (1 pl 2 yrs 4' AB): Huge blooms, old fashioned look to them, excellent decorative form, excellent substance. Love this one, at its peak a real looker. Fair number of blooms but could last a bit longer. Tall rangy grower, no disease, hardiness OK if mounded. Yeomans (1 pl 1 yr 3.5' BC): Nice foliage, mushy flower, voted bow-wow of the year in Pacific Northwest

MADAME VIOLET, H.T. (K. Teranishi, Japan '85) [{(Lady X x Sterling Silver) x (Lady X x Sterling Silver)} x self]. M (m), lavender, 45 petals. Cochran (3 pls 4 yrs 4-5' CA): Rich pink-lavender, intensifying to perfect rich mauve, colour is alive, never dulls in wet foggy weather, my favourite mauve. Spiralled exhibition blooms, excellent substance, early disbudding is paramount for exhibiting. Upright branching growth habit, dull grey green

LOUISANNA (Hybrid Tea)
Introduced by W. Kordes Sohn.
(1992)
Parentage: 'Lady Rose' x 'Konrad Henkel

The flowers are a clean, clear dark pink, with very little variation in individual blooms. The high centred flowers open slowly and show little colour change as they age. The foliage is very dark blue green and is mildew resistant.

Many of the flowers are borne singly on long stems, making this an ideal rose for cutting. Cut blooms last well, with the flowers opening only slightly.

Sheridan Nurseries will have only a limited number of plants for 1992, but more will be available in 1993.

foliage, disease resistant. (Last year for reporting this rose).

MAID OF HONOR, H.T. (Weddle '86, intr. '84) (Folklore x unnamed seedling). YB (yb), yellow/light pink centre, 40+ petals. Freeman (1 pl 2 yrs 6' ON): Beautiful very pale apricot blooms, small to medium size, classic HT form. Spring blooms still had last year's weak necks but from August on canes have really thickened up and are holding blooms beautifully. No disease, hardiness good. Hopkins (1 pl 5 yrs 6.5' ON): Small bloom, high centred exhibition form, good substance, loaded with beautiful long lasting blooms. Needs disbudding, many short stems. Tall vigorous grower, semi-glossy foliage, disease resistant, hardy. Kopecky (1 pl 3 yrs 4' NE): High centred form, sometimes exhibition, very good substance. Have changed my mind about the "maid", produced some outstanding blooms this year, holds well when cut, production above average. Some blackspot, hardiness very good.

MALCOLM SARGENT, H.T. (Harkness '87) (Herbstfeuer x Trumpeter). MR (mr), crimson, Silver medal Courtrai, Diploma Prize Copenhagen '87. Flood (2 pls 3 yrs 5' ON): Strictly a garden type, globular shape, excellent substance, repeats well, a dependable bush to provide a real show all season, would look great as a single bed. Very tall grower, excellent foliage, no disease. Smallenberg (1 pl 2 yrs 2' BC): Bright deep red, no shading. 3 1/4" bloom, decorative form, good substance, all singles on wiry medium length stems, comes in flushes. Excellent flower arranger's rose, would suit mixed border more than bedding, definitely a permanent variety in my garden. Low symmetrical bush, dark green leathery foliage, no disease.

MARY DONALDSON, H.T. (Cants '84) (English Miss x seedling). MP (mp), salmon pink, 40+ petals. McLean (1 pl 1 yr 40 cm BC): A few good blooms in its initial year after purchasing bare-root from England in autumn '89. Bush size now 22 x 22 cm. Survived '89 winter. Too early for definite comments.

MAY LYON, H.T. (Cocker '82, int. '83) [(Anne Cocker x Arthur Bell) x (National Trust x Silver Jubilee)]. MP (mp), 35 petals. Shewchuk (2 pls 6 yrs 2.5' AB): 4.5" bloom, exhibition form, good substance, good repeat, fragrant. Neat upright bush, dark glossy foliage, no disease, hardy with proper protection. Will discard because of drooping habit of blossoms. (Last year for reporting this rose).

MIKADO (KOH-SAI), H.T. (Seizo Suzuki '87) (Fragrant Cloud x Kagayaki). RB (rb), red/scarlet/orange, AARS '88. King (1 pl 2 yrs medium TX): Opens bad, finishes bad, will not even give it away, over-promoted. Garden "0", exhibition "0". Raven (1 pl 3 yrs 2' AB): Interesting red blend, medium

size bloom, decorative form, excellent substance, in clusters. Spreading growth habit, nice glossy foliage, no disease, hardiness OK if mounded. Shewchuk (1 pl 1 yr 2.5' AB): 5" bloom, attractive, exhibition form, good substance, but would like to see better repeat. Neat upright bush, no disease.

MILESTONE, H.T. (Warriner '85) (Sunfire x Spellbinder). RB (rb), medium red/silvery red reverse, opening to coral pink, 40+ petals. Hopkins (1 pl 1 yr 3' ON): Medium size double bloom, exhibition form, good substance. Upright grower, dark green foliage, blackspot, mildew. Nothing outstanding in first year, will keep another year. Kopecky (2 pls 4 yrs 3.6' NE): Large blooms, very good substance, usually exhibition until 3/4 open when some split centres appear. One of the eye catchers for me, easy to care for and easy on the eyes. No disease, hardiness excellent. Raven (1 pl 3 yrs 3.5' AB): Huge raspberry scented bloom, great decorative form, great substance, petals hold and hold, nice colour fades well, good bloomer. I like this one. Tall rangy grower, some rust and blackspot, hardiness OK if mounded. Shewchuk (1 pl 6 yrs 2.5' AB): Coral pink changing to deep coral red when fully open, an eye catcher in my garden and one of my better roses. Exhibition form, good substance, long stems, long lasting on bush and as cut flower, good repeat. Subject to mildew, hardy with proper protection.

MODERN ART (PRINCE DE MONACO), H.T. (M & P Olesen '85, intr. '83) (Unnamed seedling x unnamed seedling). RB (rb), medium red/dark red edges/reverse lighter, 25 petals, Italy GM '84. No reports. (Last year for reporting this rose).

MONIKA (MONICA), H.T. (Tantau '85, intr. '86). PB (pb), 20+ petals. Cochran (2 pls 3 yrs 3.5-4' CA): What a beautiful colour, love the brilliant orange-sherbet that doesn't fade. Long slender buds open to HT form blooms with high spiral centres, good substance, borne mostly 1-3, wish it had more petals. Will keep for arrangements only. Upright grower, large dark green foliage, no disease.

MOONDROPS, H.T. (Delforge, not reg'd. intr. '85). (mb), pink-lavender. Hopkins (1 pl 1 yr 6' ON): Not very mauve, medium size double bloom needs disbudding for exhibition, good substance. Will wait another year before deciding to prune out or keep. Upright vigorous grower, no disease.

NATIONAL VELVET, H.T. (L. Burks '88, intr. '90) (Poinsettia x National Beauty). (dr), dark red/black velvet cast, 18-20 petals. Cochran (3 pls 2 yrs 5.5' CA): Non-fading colour, medium size HT form bloom, outstanding substance withstands wind, 1-3-5 to a stem, floriferous but pinch candelabra canes, fragrant. Tall very vigorous grower, new foliage is dark reddish colour

turning a beautiful glossy green, disease resistant so far.

NEVILLE GIBSON, H.T. (Harkness '82, intr. '83) [Red Planet x (Carina x Pascali)]. MP (mp), 40 petals. No reports. (Last year for reporting this rose).

NOBILO'S CHARDONNAY (CHARDONNAY)(CHARDONNY), H.T. (McGredy '84) [Freude x (Wienerwald x Benson & Hedges Gold)]. MY (my), orange yellow, 35 petals. Lacroix (1 pl 1 yr 2.5' QC): Hard colour to describe, coppery golden yellow with darker veining, fading to buff apricot. Large high centred bloom, heavy substance, good bloomer, slight fruity fragrance. Compact bush, very thick stems, beautiful glossy foliage, no disease. Stedman (1 pl 1 yr 4' PE): First year plant a disappointment, medium size blooms with very wavy petals, very poor form, muddled and misshapen. Golden butterscotch yellow, outer petals fading to cream in heat, more stable in cooler weather. Few thorns, foliage very glossy. Hope for improvement next year. Yeomans (1 pl 1 yr 4' BC): Typical McGredy HT/grandiflora. Eye catching flower, too few petals for exhibition, beautiful foliage. Will keep.

OLDCASTLE, H.T. (Walter Lemire Roses '85) (Queen Elizabeth x Charlotte Armstrong). MP (mp), 55 petals. No reports.

OLYMPIAD, H.T. (McGredy '82, int. '83) (Red Planet x Pharaoh). MR (mr), brilliant medium red, 35 petals, AARS '84. Arberry (1 pl 2 yrs 4' BC): Average bloom, nothing exceptional, good form, mediocre substance. Am disappointed in this rose, not as good as last year, will give it another year to shape up. Leggy grower, some mildew, hardiness OK. Balcom (10 pls 7 yrs ON): Brilliant scarlet buds, classic form bloom, good substance, truly a great rose for the eighties, will leave a long term mark in the rose world. Compact grower, dark green foliage, disease resistant, hardiness excellent. Decker (3 pls 6 yrs 3.5' AK): Best of the reds but alas, no fragrance! Exhibition form, excellent substance, very floriferous, never confused centres, no disbudding, no problem in rain. No disease. Dyck (2 pls 2 & 3 yrs 90 cm BC): Very good form, good substance, darker and more beautiful in cool weather, not much fragrance. If you want a red rose you can depend on for your rose bed or cutting it's Olympiad. Bushy grower, healthy. Hopkins (3 pls 7 yrs 5' ON): Classic HT exhibition form, excellent substance, long stems, long lasting, excellent cut flower and a must for every rose garden. Disease resistant, hardy. Johnson (1 pl QC): Large bright red blooms and lots of them. Comparing it to American Spirit I now appreciate this rose even more. No disease, hardiness OK. Jubien (1 pl 2 yrs 40" QC): Exhibition form, good substance. This is the 2nd year for this rose in my garden and 1990 was a much better summer than last year. A good red rose. No

disease, hardiness good. Kamp (3 pls 4 yrs 3' MB); Beautiful red rose, winner in my garden and best rose in the show. Disease free, hardy. Lacroix (5 pls 7 yrs 6' QC): Best all round red HT for me, will have 20 of the beauties next spring. Excellent form and substance, very long stiff stems, profuse bloomer, colour doesn't fade, always in winners' corner in exhibitions. Very vigorous, easy to grow but takes 2 years to be at its best, needs extra feeding and severe pruning. Mychaluk (1 pl 4 yrs AB): Potential exhibition bloom, good substance, wish there was more bloom but might be because of location in garden, still a good red rose. Stems could be stronger, could have more foliage, no disease, hardiness good. Pearson (2 pls 3 yrs 3-3.5' BC): Somewhat flat decorative form but I've seen blue ribbons at VRS rose show, good substance, excellent for home cutting. Marine climate may keep blooms smallish. No disease. Raven (1 pl 3 yrs 2.5' AB): Excellent form, good substance, for me it's just another red, can't see why people rave over it. I would much rather have Mr. Lincoln or Queen of the Lakes than this one, would like more bloom. No disease, hardiness OK if mounded. Shewchuk (2 pls 4 yrs 2.5' AB): Well formed 4.5-5" bloom, good substance, long stems, long lasting as cut flower, fragrant. Plants decreasing in vigour, not enough bloom to suit me. No disease. Stanton (1 pl 3 yrs 3.5-4' ON): Attractive bloom, loose exhibition type form, excellent substance, good repeat, pleasant fragrance. Some blackspot, hardiness good. Stedman (1 pl 1 yr 3' PE); Lovely medium size exhibition form bloom but few quality blooms. New bush slow in getting started in very cool spring and hard hit by blackspot but I'm sure it will bounce back next year if it doesn't winter kill. (Last year for reporting this rose).

PATSY CLINE, H.T. (Christensen '83) (Angel Face x Double Delight). MB (mb), light lavender/edged ruby-lavender. No reports. (Last year for reporting this rose).

PAUL SHIRVILLE (HEART THROB), H.T. (Harkness '81, int. '83) (Compassion x Mischief). LP (lp), light salmon pink, 30 petals, Edland Medal for Fragrance '82. Chauncey (1 pl 2 yrs 3' BC): Beautiful light pink with yellow shadings at base. Exquisite exhibition type bloom but on short stemmed sprays, should be reclassified as a floribunda. Very floriferous with short repeat time, very fragrant. A wonderful rose, am adding another. Must have lots of room for spreading. Flood (3 pls 4 yrs 3' ON): Perfect HT type small blooms, good colour, last well, excellent substance. Lots of good repeat bloom all season long, very fragrant. Reminds me of Michele Meilland, A rewarding rose to grow. Spreading growth needs room. Hopkins (1 pl 3 yrs 3.5' ON): Medium size double bloom, exhibition form, excellent substance, fragrant, lovely blooms but not enough of them. Dark green foliage, some blackspot, hardy. Lacroix (1 pl 1 yr 2' QC): Very tight smallish bud but magnificent bloom of good lasting quality, heavenly

perfume, a few singles but mostly small clusters of 3 or 4. Not sure it should be classed as hybrid tea, more a floribunda for me. Very large glossy foliage. Raven (1 pl 1 yr 2.5' AB): Pale but pretty shade of pink, small size bloom opens well, excellent exhibition form, excellent substance, good bloomer. I like this one. In clusters, nice fragrance but not heady. No disease. Smallenberg (1 pl 4 yrs 3' BC): Blend of pink, salmon and soft gold. 3 3/4" bloom, classic form, excellent substance, floriferous, mostly singles, long wiry stems. A most beautiful rose, exhibition although small, long lasting particularly on bush, rain tolerant, rich fragrance. A favourite of mine. No disease. Stedman (1 pl 3 yrs 3' PE): Still think of this HT as a floribunda, rather small but perfectly formed bloom, high centred, very good bloomer, fragrant. Abundant foliage, no disease, seems to be quite hardy. Yeomans (1 pl 3 yrs 1.5' BC): Produced one beautiful flower, never got off its hands and knees. Died, will not replace. (Last year for reporting this rose).

PERFECT MOMENT, H.T. (Reimer Kordes '89, intr. '91) [New Day x (Mercedes x unnamed seedling)]. (rb) red and yellow blend, AARS '91. Cochran (2 pls 2 yrs 3.5-5' CA): Medium size, high centred exhibition form blooms that quill, must be disbudded for exhibiting, and remove vegetative growth. Long strong stems, excellent substance, last for days on bush and cut. Brilliant colour combination like a redhot torch, non-fading. One of the best new roses for garden colour and exhibition, performs well in this cool climate. Upright spreading grower, dark leathery foliage, no disease.

POTTON HERITAGE, H.T. (Harkness '86, intr. '87) (Precious Platinum and Dr. A.J. Verhage). RB (rb), 32 petals. Cochran (2 pls 4 yrs 3.5-4' CA): Beautiful colour, cherry red, suffused yellow, pink reverse. Large blooms with very high centred exhibition form, good substance, borne mostly singly on straight stems that support bloom. Upright grower, glossy bronze-green foliage, no disease with good spray programme. Flood (2 pls 2 yrs ON): Exhibition type, quite large, good substance. Unusual colour combination, two toned effect of red with ivory pink outside, not my choice of colour, find it harsh. Very healthy, hardy. Heaslip (1 pl 1 yr 3.5' BC): Large high centred exhibition bloom, good substance, fragrant. Attractive dark red with straw yellow reverse. Large dark green foliage, no disease.

PRECIOUS, H.T. (C.P. Dawson '85) [(Briarcliff x Carla seedling) x Pink Parfait]. (pb), deep pink/reverse medium pink, 35 petals. Heaslip (1 pl 1 yr 6' BC): Very large bloom, exhibition form, fair substance, spots in rain. Willowy spreading grower, light green foliage, no disease.

PURE LOVE, H.T. (A. Perry '88, intr. '87) (Queen Elizabeth x World Peace). W (w), creamy white. No reports.

QUEEN CHARLOTTE, H.T. (Harkness '88, Intr. '89) (Basildon Bond x Silver Jubilee). (mp), rich salmon pink. Cochran (2 pls 1 yr 3.5-4' CA): Combination of rich salmon/pink with undertones of Mandarin red. Classical high centres but too few petals for good exhibition bloom, better garden variety. Fair substance, intermittent bloomer, soft fragrance. Long stems, luxuriant very glossy foliage, no disease. Flood (4 pls 2-4 yrs 4' ON): Very classy lady! Super form, substance and colour, very fragrant. Have had opportunity to grow this rose for 4 years, great in every area. Super grower, great foliage, no disease.

RADIANT GOLD (NORTHERN GOLD), H.T. (J&P/McConnell '85). MY (my), 35 petals. No reports.

REBECCA CLAIRE, H.T. (Michael John Law '81, intr. '86) (Blessings x Redgold). OB (ob), Coppery orange edged light coral, 28 petals, Edland Medal for Fragrance '80. Yeomans (1 pl 4 yrs 3' BC): A beautiful garden rose, flower opens flat. Bushy growth habit, healthy, better than average producer.

RED PERFECTION, H.T. (McGredy '86, intr. '87) (Karma x Arturo Toscanini). DR (dr). King (1 pl 2 yrs 5' TX): Huge bloom. Not just another red rose! Will be a winner in several classes as soon as it's discovered. Upright grower, foliage like Captain Harry Stebbings, a little mildew.

REMEMBER ME, H.T. (Cocker '84) [Anne Letts x (Dainty Maid x Pink Favourite)]. OB (ob), coppery orange/darker veining, 20 petals. Flood (5 pls 6 yrs 5' ON): Outstanding colour, most unusual and interesting. Small bloom, exhibition form, excellent substance, lasts well as cut flower. Have been growing this for a number of years with difficulty in getting real vigour in the plants, winter killed to base each year. Last year I used a new method of winter protection, could not believe difference in growth and height with having a good start. Shewchuk (2 pls 6 yrs 2.5' AB): 4.5" blooms, exhibition form, good substance, often come in clusters. Upright grower, medium green semi-glossy foliage, no disease, hardy with proper protection.

ROSEMARY HARKNESS, H.T. (Harkness '85) [Compassion x (Basildon Bond x Grandpa Dickson)]. OB (ob), orange/yellow reverse, 35 petals, Belfast Fragrance Award '87, Belfast GM '87. Flood (2 pls 2 yrs 4.5' ON): Medium sized globular bloom, bud stage very pretty, good for flower arranging. Very interesting and attractive colour, good show in garden, repeats quickly, fragrant. Vigorous grower, lots of disease free foliage, hardy. Yeomans (1 pl 4 yrs 3' BC): Flowers open flat, good garden rose, fragrant. Bushy healthy plant.

ROYAL VELVET, H.T. (Meilland '86) [(Exciting x Suspense) x Duke of Windsor]. DR (dr), 28 petals. No reports.

ROYAL WILLIAM (DUFTZAUBER '84) (FRAGRANT CHARM '84), H.T. (Kordes '84) (Feuerzauber x seedling). DR (dr), blood red, 35 petals, J&P Rose of the Year '87. Flood (2 pls 2 yrs 4' ON): Excellent exhibition form bloom, full petalled, gives dependable performance all through growing season. Rich dark red, some fragrance, great substance. Upright grower, lots of healthy foliage. Hopkins (1 pl 5 yrs 5' ON): Large double bloom, exhibition form, good substance, prolific, slight fragrance. Disease resistant, hardy. Lacroix (1 pl 1 yr 3' QC): Very good deep velvety red colour, good form, excellent substance, some fragrance. Doesn't bloom very much for me but all blooms are quality, open fast. No disease. Shewchuk (1 pl 3 yrs 2.5' AB): 5" well-formed exhibition bloom, good substance, wish it had better bloom repeat. Medium green semi-glossy foliage, no disease, hardy with proper protection. Smallenberg (1 pl 3 yrs 4' BC): 4.5" bloom, classic form, can be exhibition, excellent for bedding, heavy substance, rain tolerant. Steady light bloomer, mostly singles, medium length sturdy stems, some fragrance. A very lovely variety, definitely keeping. No disease. Stanton (1 pl 2 yrs 3.5' ON): Double bloom, lovely colour, exhibition form, excellent substance, repeats well, fragrant. Not much disease, seems very hardy.

SAVOY HOTEL, H.T. (Harkness '89) (Silver Jubilee x Amber Queen). (lp), soft shell pink, 45 petals, Dublin GM '88. Cochran (3 pls 2 yrs 3.5-4' CA): Combination of delicate pink tones, light pink on inside of petals, deeper shadings on reverse. Wish I could keep this beauty, best exhibition rose I have imported from Harkness but wet fog spots all light pink roses and they open only in warm weather. Profuse bloomer needing very little disbudding, fragrant, a dream of a rose. Lovely plant habit, no disease. Flood (2 pls 1 yr 2.5' ON): Large exhibition type blooms, great substance, flower attractive in all stages of bloom, light pink with hint of beige. I love light pinks, this is certainly one of the most beautiful. Looking for more vigour next year, slow to get established. Heaslip (1 pl 1 yr 1' BC): Many petalled, reflexed, very good substance. Similar to Cleo. Slow to establish, no disease so far. Smallenberg (1 pl 1 yr 2 1/4' BC): 4.5" bloom, exquisite, classic form, definitely exhibition, excellent substance, long lasting, mild fragrance. Exceptionally beautiful bloom on medium length straight stems, excellent bedding variety because of neat appearance overall. Compact grower, very pretty 'true rose' foliage, no disease. Yeomans (1 pl 1 yr 3' BC): In this climate it's not as bright a flower as in the catalogue pictures. Exhibition. Will know more next year.

SELFRIDGES (BEROLINA in Europe), H.T. (Kordes '84). DY (dy), amber yellow, 35 petals. Cochran (3 pls 5 yrs 5.5-6' CA): Colour very stable

in this cool climate except in rain. Slender buds, high centred exhibition form, excellent substance, borne 1-3 on long stems, very floriferous, very fragrant. One of the best dark yellow exhibition roses. Upright branching growth, dark glossy foliage, disease resistant but plants are prone to produce tall climber type canes with low bloom production. Dyck (3 pls 2 yrs 90 cm BC): Small double bloom, not good form, confused outer petals, good substance. I expected a better rose, named after city of Berlin. Lots of branches, mildews. Heaslip (1 pl 1 yr 3.5' BC): Exhibition form, reflexed petals, very good substance, very early bloomer, slight tea fragrance. Good tidy growth habit, no disease. Hopkins (1 pl 2 yrs 6' ON): Double bloom, high centred exhibition form, excellent substance, sparse bloomer so far. Disease resistant, hardy. Lacroix (2 pls 2 yrs 6' QC): A monster of a bush, be sure to give it room. Beautiful bloom, high centred form, good substance, profuse bloomer, fair repeat as it is so busy making new wood, very long stems. An exceptional variety for both garden and exhibition, best in spring and fall as it opens fast in summer heat. Would not be without it. Pearson (2 pls 1 yr 6'+ BC): Exhibition quality form, good substance, blooms well and pretty good repeat, definite winner on the show table. Very tall, if they grow any taller the W.F.R.S. will need a new classification. No disease. Persad (1 pl 1 yr 3' MB): Attractive bloom, ovoid form, fair substance, blows quickly but good garden rose, fragrant. Disappointed with fading colour but will keep. Some blackspot. Stedman (1 pl 3 yrs 5-7' PE): Weather resistant exhibition bloom, medium to large size, long stems, some fragrance. Very high on this yellow HT and a high grower it is, almost a climber for me at 7' plus. Came through two winters with no winter kill, hope it continues. Feel it deserves better than a 7.3 rating. Yeomans (2 pls 1 & 2 yrs 4.5' BC): Lovely bloom, exhibition, so far so good.

SENATOR BURDA (VICTOR HUGO), H.T. (Meilland '88) [{Karl Herbst x (Royal Velvet x Suspense)} x Erotica]. (dr), deep red. Archibald (1 pl 1 yr 32" SK): More like semi-double bloom, poor shape, thin substance, repeat bloomer but not too generous with them. Very disappointed in this one, a poor red in my opinion. Sparse grower, abundant foliage, slight blackspot. Baillie (1 pl 2 yrs 4' ON): Pleasant colour, nice decorative semi-double bloom, doesn't blue or ball, form rather flat, good substance, rather sparse. Upright growth habit, disease free. Hopkins (1 pl 1 yr 4' ON): Very large double bloom, some blooms very nice, others flat, excellent substance. Vigorous first year plant, no disease. Lacroix (2 pls 1 yr 3.5' QC): Exceptional colour, brilliant velvety currant red, fades very little. Has all the qualities of a very good rose, high centred form, slight notched petals, excellent substance, singles on very long stiff stems, very heavy perfume. Very pleased, will increase next year. Many prickles.

SHEER BLISS, H.T. (Warriner '85) (White Masterpiece x Grand

Masterpiece). W (w), white with pink centre, 35 petals, AARS '87. Archibald (1 pl 2 yrs 3' SK): Decorative form, poor substance, very scarce blooms and repeat, close to a dud here. Another disappointment after all the build up, poorest white rose I have. Blackspot, hardiness fairly good. Decker (2 pls 3 yrs 4' AK): Nice colour, large bloom, exhibition form, good substance, will ball and spot in cold rain. Normal bloom cycle but lots of bloom, no side buds, long stems, fragrant. Upright grower, sparse foliage, some mildew. Eyvindson (1 pl 2 yrs 4' MB): Beautiful bud on long stems, large exhibition form bloom but bruises easily, floriferous. Tall bushy grower, no disease, hardy. Hopkins (2 pls 4 yrs 4.5' ON): Classic HT bloom, exhibition form, excellent substance, very long stems, fragrant. Long lasting and every bloom beautiful but wish it would produce more of them. Disease resistant, hardy. Johnson (1 pl 4 yrs 3' QC): Good substance but too few blooms. Only 3 basal breaks and 1 broke off at base in high winds. Kopecky (1 pl 3 yrs 4' NE): Always very good exhibition form, very good substance, an excellent rose, getting better all the time. Still one of the very best whites or near whites around. If thrips can be controlled, exhibition blooms are hard to beat. No disease, hardiness very good. McKenzie (3 pls 3 yrs 4.5' ON): Spiral buds open to large high centred exhibition form blooms, very good substance, long straight stems, also great for the vase. Vigorous tall grower, good disease resistance, hardiness good. McLean (1 pl 3 yrs 115 cm BC): Pale pink flowers, 12 cm, in clusters, excellent repeat bloom, good scent, a good acquisition in my garden. Bush 55 x 45 cm, hardy in Vancouver winters since '88. Mychaluk (1 pl 3 yrs medium AB): Good blooms, always singles on extremely long stems, excellent substance, cut it very tight for showing. Lovely rose but can be a stingy bloomer. Strong grower, no disease, hardiness excellent. Ouellette (1 pl 3 yrs 3.5' QC): Big fragrant blooms, exhibition form, pretty good substance, subject to balling and spotting. Moved to new location last year but still stubborn and fails to produce sufficient blooms. I don't think it has the breeding for it, all its strength goes into leaves. No disease, hardiness good. Pearson (1 pl 2 yrs 4' BC): Large exhibition form blooms, excellent substance, 1 to a stem. It's terrific, am trying to add more from own root cuttings and budding. No disease. Raven (1 pl 3 yrs 1.5' AB): Good colour, large bloom can be exhibition if weather is good, otherwise it's a real mess. Considering taking it out because of the constant balling. Some compare it to Pristine, doesn't come close. No disease, hardiness OK if mounded. Shewchuk (3 pls 4 yrs 3.5' AB): 4-5" bloom, high centred exhibition form, very good substance. fragrant. Two bushes doing very well but one is putting out a half-hearted effort. No disease, hardy with proper protection. Stanton (1 pl 2 yrs 2' ON): Large shapely exhibition bloom, good substance, pleasant fragrance. This year (2nd for me) it didn't appear till July, had given it up but has been reasonably vigorous since. Tune in next year. No disease.

SHEER ELEGANCE, H.T. (J. Twomey '89) (Pristine x Fortuna). (pb), soft pink/salmon edges, AARS '91. Beattie (1 pl 1 yr 1.5' MB): Lovely large pink bloom, fades, good substance, not large producer. Received this plant in a pot, planted into garden in midsummer, will be able to give a proper assessment next year. Upright grower, no disease.

SHEILA'S PERFUME, H.T. (John Sheridan '82, intr. '85) [Peer Gynt x Daily Sketch x (Paddy McGredy x Prima Ballerina)]. YB (yb), yellow/edged red, 20 petals, Edland Medal for Fragrance '81. No reports.

SILK HAT, H.T. (Christensen '86) [Ivory Tower x (Night 'n Day x Plain Talk)]. MB (mb), red purple/cream reverse, 45 petals. No reports.

SILVER SPOON, H.T. (Weeks '85) (Louisiana x unnamed seedling). M (m), light mauve, 35 petals. Hopkins (1 pl 1 yr 4' ON): Good size, exhibition form, sparse bloomer. Some blooms excellent but many lack substance. Upright grower, dark green foliage, no disease. Kopecky (2 pls 3 yrs 4' NE): High centred exhibition form bloom, good substance. Showed its worth this season, produced a good number of outstanding blooms. Darker than Lady X and lighter than Paradise, one of the best purples I have. Upright bushy grower, some blackspot, hardiness very good.

SILVERADO, H.T. (Christensen '87) [(Ivory Tower x Angel Face) x Paradise]. MB (mb), soft silver with pinkish-ruby tones/edged deeper, 35 petals. Cochran (3 pls 5 yrs CA): Super high centred exhibition form bloom, good substance, excellent colour, a muted version of 'Paradise'. Performs best in warm weather, mostly singles and a few sprays, long stems, one of my favourite roses. Upright bushy growth habit, dark matt green foliage, no disease so far.

SOPHIA, H.T. (Weddle '88. int. '87). (pb). Heaslip (1 pl 1 yr 5' BC): Very large bloom, exhibition form, fair substance, sparse bloomer in its first year. Very tall grower, medium green foliage, no disease. Hopkins (1 pl 2 yrs 4' ON): High centred exhibition form bloom, excellent substance, long stems, a few beautiful bloom but not enough. Upright grower, dark green glossy foliage, some mildew and blackspot, hardy.

STEPHENS' BIG PURPLE, H.T. (Pat Stephens, Sam McGredy '85, intr. '86) (Unnamed seedling x Purple Splendor). M (m), purple, 35 petals. Arberry (1 pl 1 yr 5' BC): Medium to large bloom, very good form, good substance, holds well both in garden and when cut. Draws comments from all who see it, very fragrant which is a bonus for a rose as beautiful as this. Upright grower, dark foliage, no disease, hardiness very good so far. Decker (1 pl 1 yr 2' AK): Large bloom, attractive, pleasing colour, exhibition form,

excellent substance, will probably ball in wet weather, excellent fragrance. Took a long time to put out any growth, will re-evaluate next year. Some mildew. Heaslip (1 pl 2 yrs 3' BC): Unusual plum colour, very large bloom, exhibition form, very good substance, very fragrant. Disease free. Lacroix (2 pls 2 yrs 4' QC): Must grow where it will get afternoon shade as blooms fry to a crisp in summer heat. Very good form, average substance, on very long stiff stems, very strong perfume. Does very well in exhibition, profuse initial bloom but poor repeat, good all round rose. Pearson (2 pls 1 yr 3.5' BC): Large double bloom, exhibition form, good substance. Didn't start well, will evaluate in 1991, looks promising. Not many basal breaks, touch of mildew. Raven (1 pl 1 yr AB): Turns from a red in bud to hot pink to mauve as it opens, good form, perhaps exhibition, good substance, nice fragrance. So far not a heavy bloomer, single blooms. Bush's first year so will see next year but think it will grow on me, after all, it has my first name. No disease, hardiness OK if mounded.

SUFFOLK, H.T. (A. Perry '83) (Garden Party x unnamed seedling). PB (pb), white with pink petal tips, 40 petals. Cochran (3 pls 2 yrs 3.5-4' CA): Wide white petals with pink petal edge, deepens into beautiful pink blend, buds open slowly to perfect high centred exhibition form, good substance, good repeat cycles. Have won many top awards with it. Plants are on own roots, upright bushy grower, medium size bronze-green foliage, no disease. (Last year for reporting this rose).

SUMMER DREAM, H.T. (Warriner '86, intr. '87) (Sunshine x unnamed seedling). LP (ab), apricot pink, 30 petals, J&P Rose of the Year '87. Decker (1 pl 5 yrs 3.5' AK): Nice peachy apricot colour, high centred exhibition form , no disbudding necessary, good substance, balls in rain, not a good rose for our climate. Upright grower, medium green foliage, mildews badly. Hopkins (1 pl 1 yr 3' ON): Colour is outstanding, otherwise very little else is worth saying. One more summer and perhaps it will improve. Some mildew.

SUNBRIGHT, H.T. (Warriner '84) (Unnamed seedling x New Day). MY (my), sulphur yellow, 28 petals. Caldwell (1 pl 1 yr 2' ON): Good high centred form, good substance, opens slowly, nice amount of bloom for 1st year. Looks like a good yellow, heard glowing report about beds of them in B.C. Hope this will be the yellow (my favourite colour) I have been looking for. Upright grower, leathery dark green foliage, no disease. Lacroix (2 pls 3 yrs 4' QC): Strictly a garden rose as blooms are loose, substance only average. Profuse bloom on long stems, some weak necks, does very well as a standard. Deserves a spot in my garden but would not recommend for exhibition.

SUNSATION (VELDFIRE), H.T. (Kordes '87) [(Bengali x Uwe Seeler) x Cocktail '80]. OB (yb), glowing apricot to orange, Sheridan's 75th Anniversary Rose. Caldwell (1 pl 3 yrs 1' ON): Stunning colour, holds well for a rose without great quantity of petals, good form and substance. Upright grower, medium green foliage, some blackspot, suffered some setback winter of '89/90. Chambers (1 pl 1 yr 3' NS): Glowing fragrant single blooms carried on strong stems, high centred exhibition form, strong substance, floriferous. A lovely hardy rose to have in the garden, and everything the catalog describes. Light touch of blackspot, could have been avoided if I had sprayed before going on vacation. Freeman (2 pls 2 yrs 4' ON): I do like this rose. Perfect HT blooms, good substance, outstanding colour, bright yellow and orange. Repeats well. Medium growth habit, hardiness good. Heaslip (1 pl 1 yr 4' BC): Glowing apricot to orange, similar in colour to Die Welt but has an attractive inner glow. Rather flat decorative form, very good substance. Disease free. Johnson (1 pl 3 yrs 30" QC): Colour attracts attention, large bloom, quite good form, good substance, plentiful. Wrote this one off last spring as winter killed, little or no growth. How wrong I was, great growth this year, first HT to bloom. No disease. Jubien (3 pls 2 yrs 30" QC): Somewhat disappointed in this rose this year, not as vigorous as last year and blooms were much smaller. Exhibition form, good substance. No disease, hardiness good. Stanton (1 pl 3 yrs 4-4.5' ON): Great yellow colour glowing with orange and red, exhibition form and good substance. Does not repeat often enough for me, otherwise a lovely plant. Very little disease if any, hardiness good.

SWEET SURRENDER, H.T. (Weeks '83) (Unnamed seedling xTiffany). MP (mp), medium silvery pink, 40 petals. AARS '83. Arberry (1 pl 1 yr 4' BC): Most blooms are loose and confused, good substance. Not too impressed with this rose, will move it to the back where it is not so visible. Medium grower, very good foliage, no disease, seems hardy. Balcom (1 pl 7 yrs ON): Dark pink buds open quickly to saucer shaped soft pink blooms which fade to mauve. Great rose for potpourri, can always find it because of its fragrance. Blackspot, hardiness excellent. Hopkins (1 pl 7 yrs 4' ON: Mostly flat loose blooms, good substance, fast repeat, fragrant, a very nice 'garden' rose. Disease resistant, hardy. Ouellette (1 pl 5 yrs 2.5' QC): Sparse number of quickly opening blooms that fade to mauve. Only good thing going for it is its intense fragrance. Pointed buds with exhibition form, flat centres afterwards, good substance. Sulks in wet weather, under ideal conditions still not up to my expectations. Disease free, hardiness fair. Pearson (1 pl 1 yr 3.5' BC): Medium to large blooms, exhibition form, good substance, good fragrance. Will keep it, may try budding to get better rose. No disease. Raven (1 pl 3 yrs 2' AB): Fair decorative form, flat bloom, fair substance, stems don't hold up blooms. I dislike weak necked plants but this one has the most heavenly scent, have won awards with it for scent. Will

definitely keep but only because of the scent. No disease, hardiness OK if mounded. Stanton (1 pl 5 yrs 4.5' ON): Lovely deep pink, fluffy flat form, excellent substance, fragrant. Won me a first this year, has won before but I'd love it anyway, such a satisfying rose. Vigorous growth habit, some blackspot, hardiness good. (Last year for reporting this rose).

SWEETWATERS (FRESHIE in Canada), H.T. (McGredy 87, intr. '86) [{(Sympathie x Red Lion) x Pharoah} {Tombola x {Elizabeth of Glamis x (Cucos x Golden Fleece)} x Ferry Porsche]. MP (mp). No reports.

THRILLER, H.T. (Bridges '86) (Lady X x Flaming Beauty). (pb), pink/edged red. Cochran (2 pls 1 yr 3-4' CA): Beautiful colour, exhibition form with high centres, great substance, loads of petals, a winner. First year rose but it will be winning many awards. Not enough time for fair evaluation but plants have performed well in all respects, will keep this beauty.

TOUCH OF CLASS (MARECHAL LE CLERC), H.T. (Michael Kriloff '84) [Micaela x (Queen Elizabeth and Romantica)] PB (pb), medium pink shaded coral & cream, 35 petals, AARS '86, Portland GM '88. Brisbane (1 pl 1 yr 3' BC): Well named rose. Delightful blend of colours, long shapely bud, classic form with high spiralled centre, excellent substance. Long stems, all single blooms, hope for more of them this year. Very vigorous growth for a first year bare root plant. Large dark green foliage, needs regular spraying to control mildew. Balcom (3 pls 4 yrs ON): Classic exhibition bloom, excellent substance. Saw a bed of these in Portland this summer, what a show. A rose that lives up to its name. Disease resistant, hardiness excellent. Caldwell (1 pl 2 yrs 3' ON): High centred form, good substance, not a lot of bloom this year but holds well. Still waiting for mine to reach Peter Balcom's standards. Some blackspot, hardiness OK. Chambers (1 pl 1 yr 3' NS): Beautifully blended bloom, not very large, resembles Tiffany (1954). High centred exhibition form, strong substance, singles on strong stems, maybe it will be a show rose as listed. This lovely rose also has qualities for a cut garden rose. Slow to repeat, hoping to see more blooms next year. No disease, hardiness good as yet. Decker (2 pls 4 yrs 4' AK): High centred exhibition bloom, excellent substance, slow opening, slow to repeat. Not a good rose for our climate, mildews badly, balls in wet weather. Hopkins (3 pls 5 yrs 5' ON): Class HT exhibition form, excellent substance. Name says it all for the blooms, my problem is with the foliage, mildews badly. Hardy. Ings (2 pls 3 yrs 4' PE): Exhibition form, excellent substance, frequent bloomer, singles. A good exhibition rose and always a winner for me. Diseases no problem, hardiness good. Johnson (1 pl 4 yrs 50" QC): Long buds, large blooms, exhibition form, excellent substance, remains a favourite. No disease, hardiness OK. Kopecky (4 pls 3 yrs 4.5' NE): Always excellent exhibition form, very good substance. Every once in a while a rose comes

along that is named just right, this is one of them. Has everything one could want in a rose, holds longer than any I have grown, hard to beat when shown, hard to ignore in the garden. No faults. No disease so far, hardiness very good. Lacroix (4 pls 6 yrs 4' QC): Not much to add to all that been said about this rose. Needs shade to keep colour, very vigorous. Would not be without it although some blooms are out of this world while others (the majority) are only average. McKenzie (4 pls 3 yrs 4-5' ON): 4.5-5.5" bloom, exhibition form, spiralled centre, excellent substance, clean, neat and classy. This rose is well named, tops for my vase and I'm always proud of it. Protect against mildew, hardiness good. Mychaluk (1 pl 3 yrs tall AB): Exhibition form with high pointed centres, excellent substance, constant continuous bloom, can cluster so be sure to disbud if you exhibit. Perfect name for a classy rose in a crowded colour class, one of the best hybridized in last few years. No disease noted, hardiness excellent. Ouellette (1 pl 2 yrs 3'+ QC): Classic exhibition form, very good substance, translucent petals like lovely porcelain, spicy scent. Did exceptionally well this fall, gorgeous display in cooler weather. Good one along with Folklore for arrangers, colours blend well and both bloom at same time of season, one of my favourites. Resistant to blackspot, some mildew, hardiness good. Raven (1 pl 1 yr 2' AB): Nice small show bloom with exhibition form, good substance, in clusters. Off to a slow start but think it will be a winner. Little fragrance, seems to water spot. No disease, hardy with winter cover. Shewchuk (1 pl 5 yrs 3' AB): 4-5" bloom, exhibition form, good substance, good repeat. No disease, hardy with proper protection. Stedman (2 pls 2 yrs 3' & 4.5' PE): Classic bloom of coral and cream, top exhibition rose that's hard to beat when it's right and it almost always is. My $3 rose has done better than my $14 one. Hardy with protection.

TRIBUTE, H.T. (Warriner '83) (Unnamed seedling x unnamed seedling). DP (dp), 30 petals. Kopecky (2 pls 3 yrs 3.5' NE): Mostly exhibition blooms, excellent substance, ample bloom provides flowers for the house and exhibiting. Comes one to a stem and requires minimal care. Becoming a very good rose for me. Bushy grower, no disease noted, hardiness very good. (Last year for reporting this rose).

TROJAN VICTORY, H.T. (Kordes '86) (Unnamed seedling and Uwe Seeler). DR (dr), rich deep red, 50 petals. Cochran (2 pls 2 yrs 4' CA): When weather becomes hot this dusky dark beauty will open slowly with 50 petals, high centred exhibition form, a winner each time. Blooms rot in wet fog, never open. Bushy growth habit, red-bronze to dark green foliage, some mildew.

VELVET FRAGRANCE, H.T. (Fryer '88) (Deep Secret x Fragrant Cloud). (dr), 50 petals, Edland Medal for Fragrance '87.

Smallenberg (1 pl 2 yrs 4' BC): Rich crimson colour, HT type bud opens into 4 1/4" bloom, cupped decorative form, fair substance, balls in rain, best during driest part of summer. Floriferous, definitely keeping for cutting, delicious fragrance. Upright vigorous growth habit, large medium green matt foliage, no disease. Yeomans (1 pl 2 yrs 3' BC): A poor grower, give it another year. Must sell well because of name.

VOODOO, H.T. (Christensen '84) [{(Camelot x First Prize) x Typhoo Tea} and Lolita]. OB (ob), 35 petals, AARS '86. Arberry (2 pls 2 yrs 3-3.5' BC): Excellent exhibition form, good substance, mostly single blooms. This beauty has everyone bending over to smell, brings more oh's and ah's than just about any other in the garden. Upright grower, very dark glossy foliage, no disease, hardiness very good. Balcom (2 pls 4 yrs 5' ON): Slow to repeat but changes from a deep orange to marmalade, cup shaped form, good substance. This rose will cast a spell on you. Very hardy with long lasting blooms which make it a great garden variety. Dark green foliage, disease resistant, hardiness excellent. Dyck (1 pl 2 yrs 1.20 cm BC): Very large bloom, loose cupped form, OK substance, fades nicely to a lighter cooler colour. Magical but I like Las Vegas better, form of the bloom and many more flowers. Glossy foliage, no disease, hardiness good. Hopkins (1 pl 5 yrs 6' CA): Large double bloom, some exhibition blooms but mostly with loose form, excellent substance, sparse bloomer. Disease resistant, hardy. Raven (1 pl 3 yrs 3' AB): Decorative form, fair substance, not a heavy bloomer or quick repeat. Love the colour when it first opens but fades very fast. No disease, hardiness OK if mounded.

WEST COAST, H.T. (McGredy '87). MP (mp). No reports.

WHITE DELIGHT, H.T. (Warriner '89) (White Masterpiece x Futura. (w), ivory white, 30 petals. Flood (3 pls 2 yrs 3' ON): Exhibition type, colour very similar to Pascali, shows strong hints of pink in the fall, think this rose has a good future. Repeats quickly, some fragrance but not strong. Bush has lots of vigour, no disease. Shewchuk (1 pl 1 yr 2.5' AB): 5" bloom, exhibition form, good substance, good repeat, fragrant. Will increase. Upright compact growth habit, medium green matt foliage, mildew resistant.

WHITE SUCCESS, H.T. (Jelly '85) (Bridal Pink x unnamed seedling). W (w), 55 petals, greenhouse variety. No reports.

WIMI, H.T. (Tantau '82, intr. '83). PB (pb), shiny pink/silver reverse, 20 petals. Cochran (4 pls 6 yrs 3.5-4' CA): Large bloom opens slowly into a sumptuous beauty with excellent high centres, heavy thick substance, pink colour deepens. Requires a perfect cool climate to produce quality show blooms, not an easy variety to exhibit but I really love it. Upright branching

grower with thick stems to support the huge blooms, super foliage. Heaslip (2 pls 2 yrs 3' BC): Very large bloom, outstanding exhibition quality with perfect spiral form but does not hold well, fair substance. Short bushy grower, glossy dark green foliage, disease free. Hopkins (1 pl 2 yrs 3' ON): Exhibition form, good substance but a big disappointment to date. One more year. Disease resistant, hardy. Lacroix (1 pl 3 yrs 2.5' QC): Strictly for exhibition as it is a very shy bloomer, excellent form, very high centres, excellent substance, good long stems, beautiful maroon stamens when fully opened. Must get afternoon shade. Only get a dozen or so roses from this bush all year, will eventually replace. A pity. Mychaluk (1 pl 1 yr medium AB): Gorgeous colour, exhibition form, excellent substance, good strong stems, prefer more blooms. Must like heat. First year I've grown it, limped along during our cold wet early part of summer (80 mm of rain in 1 1/2 hrs one night) but once the sun came out this one came into it's own. No disease. Stedman (1 pl 1 yr 3.5' PE): Average vigour, below average bloom production, only a couple of excellent blooms. Didn't hold well in very humid summer heat, much better in cooler weather. Very fragrant. Hoping it will do better next year. Yeomans (2 pls 6 yrs 4' BC): Have given it a good trial. It is a dog - going, going. (Last year for reporting this rose).

WORLD PEACE, H.T. (A. Perry '87, intr. '89) (First Prize x Gold Glow). PB (pb), pink suffused with cream/yellow base, 28-35 petals. Cochran (2 pls 4 yrs 4' CA): Large blooms with delicate texture, wide petals, semi-exhibition form. Like the colour but needs more petals and substance. Performs best in warmer weather spring and fall, have won blue ribbons in our May Show, will keep it. Upright grower, large dark green matt foliage, some rust. Hopkins (1 pl 1 yr 3' ON): Exhibition form, good substance, very large blooms, sparse bloomer. A big disappointment, perhaps I will see improvement next year. King (1 pl 1 yr 4.5' TX): 4-5" exhibition type bloom, could be a real winner, as good or better than any other 'Peace' rose. Fragrant. Some mildew.

ZITRONENJETTE, H.T. (Kordes '87, intr. '86) (Sutters Gold x Sunblest). MY (my), lemon yellow, Baden-Baden Gold Medal. Archibald (1 pl 1 yr 30" SK): Double somewhat large bloom, not exhibition, good substance, first to bloom very shortly after planting. Seems to be an excellent yellow rose, always in bloom with many blossoms, impressed with first performance. Vigorous bushy growth habit, attractive foliage, no disease.

DESIGNER'S CHOICE (HI TEEN), Gr. (DeVor Nursery '89). (yb). No reports.

LAGERFELD (STARLIGHT), Gr. (Christensen '85) [Blue Nile x (Ivory Tower x Angel Face)]. M (m), silvery lavender, 30 petals. King (4 pls 3 yrs 4' TX): Dirty light mauve colour, bad form, bad substance, an expensive over priced, over promoted rose, a real disaster. Puny grower, terrible foliage, mildews.

NEW YEAR (ARCADIAN), Gr. (McGredy '83). OB (ob), Orange and gold blend, 20 petals, AARS '87. Brisbane (1 pl 1 yr 2' BC): Good quality bare root rose, planted with t.l.c., sulked for a year with poor growth, no bloom, not disease resistant, so we had to part company. Have seen some good blooms of New Year in other gardens so perhaps I'll try again. Lacroix (1 pl 4 yrs 1' QC): Small HT type blooms, exceptional colour, good form, fair substance, moderate fruity perfume. Beautiful glossy foliage, no disease. Yeomans (2 pls 3 yrs 3.5' BC): A McGredy rose with lovely foliage and unusual flowers, bright orange colour, small, comes into bloom late. (Last year for reporting this rose).

PRIMA DONNA, Gr. (Takeshi Shirakawa '84) [(Unnamed seedling x Happiness) x Prominent]. DP (dp), deep fuchsia pink, 27 petals, AARS '88. Cochran (2 pl 4 yrs 4.5-5' CA): Vibrant luminous colour never fades, long elegant buds open to exhibition blooms with spiral centres, 1 per stem and many clusters, keeps one disbudding, would prefer more singles. Only deep pink in this colour class, and one of the top grandiflora winners. Floriferous, vigorous plants, semi-glossy foliage, no disease. Hopkins (1 pl 3 yrs 4' ON): Double bloom, classic HT form, excellent substance, no sprays, long stems, beautiful bloom but not enough of them. Upright grower, disease resistant, hardy. King (1 pl 1 yr 3.5' TX): Too small for showing, a greenhouse rose, should have been left there. Sparse foliage, no disease. Kopecky (1 pl 2 yrs 4.5' NE): Usually high centred exhibition form, very good substance. Took time to get started but has finally come into its own this year, one of the better grandifloras I grow. Blooms could be a smidgen bigger but that's its only flaw. Very tall grower, no disease, hardiness very good. McKenzie (1 pl 2 yrs 4.5-5' ON): Vibrant and rich deep pink, large well shaped bloom, high centred exhibition form, excellent substance. Can always count on long straight stiff stems, perfect for my vase. Tall straight growth habit, glossy dark foliage, disease resistant, hardiness good. Raven (1 pl 3 yrs 4' AB): Nice exhibition form bloom, fair number of them and excellent repeat, fair to good substance, sometimes a bit small. Very nice bloom in all stages,

good colour, usually on long stems. Don't know why some dislike this one because it is a greenhouse variety. A definite keep in my garden. Shewchuk (1 pl 3 yrs 2.5' AB): High centred exhibition form, good substance, long stems, fragrant. Has not wintered well, emerged as a weak plant, doubt it will survive the winter.

SHINING HOUR, Gr. (Warriner '89, intr. '91)(Sunlight x Sun Flare). (dy), deep rich yellow, 35 petals, AARS '91. Cochran (2 pls 2 yrs 3.5-4' CA): Lovely non-fading yellow grandiflora, produced beautiful blooms by the arm load. Medium size, high centred exhibition form, good substance, 1 per stem and sprays of 3-5 on strong stems, for exhibition or super garden colour. Upright very bushy grower, glossy medium green foliage, disease resistant.

TOURNAMENT OF ROSES, Gr. (Warriner '88) (Impatient x seedling). MP (mp), coral pink, 35-40 petals, AARS '89. Arberry (1 pl 1 yr 3' BC): Best when buds 1/2 to 3/4 open, very good form, excellent substance but blows quickly. Lots of blooms, mostly clusters but some singles. Will give it another year and see if there is any improvement. Light green foliage, some mildew. Archibald (1 pl 1 yr 20" SK): Very large bloom with many petals, exhibition form, excellent substance, 1 to a stem, nearly a shell pink for me. The most beautiful grandiflora I have seen, hope it is hardy. Short bush, neat foliage, no disease so far. Decker (1 pl 2 yrs 3' AK): 4-5" bloom, pink blend with orange overlay, different. Exhibition form, excellent substance, holds up well in rain, slow to bloom then always in bloom, small clusters. Shiny medium green foliage, no disease. Dyck (1 pl 2 yrs 5' BC): Small double bloom, very good substance, a most beautiful pink rose, outer petals are beige pink, like a picture. Like it better than any other pink rose, except Silver Jubilee and Blessings. Light olive green foliage, no disease. Heaslip (1 pl 2 yrs 5' BC): Good sprays of up to 20 blooms, exhibition form, very good substance, the best grandiflora I have ever grown, including Queen Elizabeth. Tall strong growth habit, foliage clean as a whistle. King (3 pls 2 yrs 3.5' TX): Outstanding sprays with A1 sprays and blooms. Just fills the bill when you try to fill that HT and grandiflora slot. No disease. Lacroix (2 pls 2 yrs 2.5' QC): Would make an exceptional floribunda, don't understand the grandiflora classification on this one, should also be classed as a pink blend. Excellent substance, very good form, exceptional lasting qualities, would recommend. Beautiful disease-free glossy foliage. McKenzie (3 pls 2 yrs 4' ON): 4" bloom, full centred exhibition and decorative form, excellent substance, pleasing to look at. I really like this grandiflora and will increase if it's available. Resistant to both insects and fungus, cold hardy. Raven (1 pl 2 yrs 1.5' AB): Good colour, fades nicely, good decorative form and substance, heavy load of blooms. Is this a grandiflora? Not very tall and blooms tend to come singly rather than in clusters, but I do like the colour. Some mildew, hardiness OK if mounded. Shewchuk (3 pls 2 yrs 2' AB): 4"

bloom, long lasting, fade resistant, good repeat, good substance, stands rain well, good cut flower. I like this one, destined to be a popular rose. No disease, hardy with proper protection.

WAIHEKE (WAIKIKI), Gr. (McGredy '86, intr. '87). (pb), pink & cream bicolour, AARS '88. Decker (1 pl 3 yrs 3.5' AK): Very different pink and cream blend with frilled outer petals, large clusters for a grandiflora, exhibition form, excellent substance, does well in rain but some spotting on older blooms. Excellent grandiflora, one of my favourites. Upright growth habit, shiny foliage, no disease.

FLORIBUNDAS

AMBER QUEEN, Fl. (Harkness '83, intr. '84) (Southampton x Typhoon). AB (ab), amber yellow, 40 petals, ROTY '84, AARS '88, The Hague Fragrance Medal. Brisbane (1 pl 1 yr 2.5' BC): Outstanding rose, attractive non-fading amber colour, frilly decorative form, excellent substance, fruity fragrance, constantly loaded with blooms from very early in the season until very late. A short compact bush that gives a wonderful show in the front of my rose bed, recommend it highly. Ample foliage, disease free. Freeman (2 pls 3 yrs 2' ON): Frilly decorative bloom, good substance, very good repeat, a real charmer. A low bush for the front of the rose bed, just gorgeous and it gets better every year. Blackspots, hardiness good. Hopkins (2 pls 6 yrs 2.5' ON): Large double bloom, exhibition form, excellent substance, early bloomer, borne in clusters, fast repeater, long lasting, improves each year. Foliage outstanding, dark green and waxy, disease resistant, hardy. Lacroix (2 pls 1 yr 2' QC): One bush didn't take in spring, replaced with local nursery bush. Good garden floribunda with profuse bloom in clusters, good stable colour, heavy fruit fragrance. Beautiful glossy foliage. Raven (1 pl 3 yrs 1.5-2' AB): Burnt amber, nice coloration, doesn't fade, open decorative form, fair substance. Best year I have had for this one, nice first flush of bloom, very showy, good repeat. Much more impressed this year. No disease, hardiness OK if mounded. Shewchuk (2 pls 6 yrs 2' AB): 4 1/2" bloom, pleasant fragrance, lots of bloom, good repeat. A nice showy floribunda in the rose bed. No disease, hardy with proper protection. Stedman (1 pl 3 yrs 1' PE): Uniquely coloured blooms of eyecatching amber yellow, outstanding. Decorative bloom, singles and clusters. Abundant, disease resistant foliage, hardy with protection. Yeomans (1 pl 4 yrs 3' BC): Has won many gold medals, flowers mostly come singly, vivid colour, good producer. Healthy.

ANISLEY DICKSON (DICKY in U.S.), Fl. Dickson '84, intr. '83) (Coventry Cathedral x Memento). PB (pb), reddish salmon pink/lighter reverse, 35 petals, RNRS GM '84. Flood (3 pls 4 yrs 5' ON): Neatly formed, well spaced blooms on long stems, great abundance, always in bloom, one of the best floribundas I grow. Lots of vigour, many new basal breaks each year, wonderfully healthy, makes rose growing very rewarding. Hopkins (2 pls 4 yrs 3.5' ON): Similar colour to First Edition, exhibition form, excellent substance, borne in clusters. Improves each year, one of my favourite roses. Disease resistant, hardy. Stedman (1 pl 2 yrs 3' PE): Another outstanding floribunda, in class with Sexy Rexy, beautiful exhibition quality coral salmon blooms, very weather resistant but blows a trifle quickly in hot weather. Always in bloom, a little later blooming than other floribundas but then didn't stop. Bushy plant, outstanding vigour, probably best growth of any rose in my garden. No winter kill. Yeomans (1 pl 5 yrs 4.5' BC): A good attractive floribunda. (Last year for reporting this rose).

ANTIQUE SILK (CHAMPAGNER), Fl. (Kordes '85. intr. '82) (Anabell seedling x seedling). W (w), near white, 20 petals. No reports. (Last year for reporting this rose).

ARDS BEAUTY, Fl. (Dickson '84, intr. '86) [(Eurorose x Whisky Mac) x Bright Smile]. MY (my), 20 petals, RNRS GM '83. McLean (1 pl 1 yr 80 cm BC): Full yellow flowers, 7 cm, in clusters, good repeat, slight scent. Imported bare root from England in 1989, now in its first flowering season but very pleased with it. Should live up to expectations when I saw it at RNRS St. Albans this year. Yeomans (1 pl 3 yrs 2' BC): Nice bush, healthy, mostly single blooms, not a great producer.

AVOCET, Fl. (Harkness '83, intr. '84) (Dame of Sark x unnamed seedling). OB (ob), orange edged vermilion, 13 petals. Flood (3 pls 6 yrs 5' ON): Semi-double, well formed sprays, colour intense first day, fades off and shatters quickly. Very difficult to show, looks great in the garden. Very vigorous grower, healthy.

BEAUTIFUL BRITAIN, Fl. (Dickson '83) (Red Planet x Eurorose). OR (o-r), orange red/deeper reverse, 20 petals. Yeomans (1 pl 4 yrs 2' BC): Unusual bright flower, two-tone orange, HT shape, mostly one to a stem. Sparse grower, healthy. (Last year for reporting this rose).

BROWN VELVET (COLORBREAK), Fl. (McGredy '83) (Mary Sumner x Kapai). R (r), orange/tinged brownish, 35 petals. No reports. (Last year for reporting this rose).

CHRISTINGLE, Fl. (Harkness 85, int. '87) (Bobby Dazzler x Alexander).

OR (o-r), 35 petals. No reports.

CITY OF BRADFORD, Fl. (Harkness '86) (seedling cross). OR (or), vermilion, 15 petals. Flood (1 pl 2 yrs 2' ON): Perfect HT form bloom, great substance, sprays are reasonably full, little fragrance. Colour is a strong unfading vermilion. Not getting the kind of vigour from this cultivar that I expected. Foliage is good, healthy.

CITY OF LONDON, Fl. (Harkness '86, intr. '88) (New Dawn x Radox Bouquet). LP (lp). Chauncey (1 pl 1 yr 4' BC): Pure light pink colour, exquisite fragrance, small sprays, weak necks. So far, a casual garden rose with no exhibition potential. Flood (2 pls 2 yrs 9' ON): This is a perfect rose for a bride's bouquet, small delicately shaped blooms, exquisite colour and perfume, many to a stem. Sounds perfect but is it a floribunda or is it a climber? Very vigorous and healthy.

CLASS ACT, Fl. (Warriner '88) (Sunflare x seedling). W (w), 15-20 petals, AARS '89, Portland GM '89. Arberry (1 pl 1 yr 2.5' BC): Beautiful white blooms which, when fully open, display great stamens, excellent form and substance. Had more blooms than any rose in the garden and was continually in bloom all summer and into late fall. Spreading growth habit, dark green foliage, disease resistant. Decker (1 pl 2 yrs 2.5' AK): Semi-double 4" bloom in large clusters, some singles, good substance. Decorative form, not exhibition, good garden rose. Spreading growth habit but new canes seem to be taller, no disease. Dyck (2 pls 2 yrs 60 cm and 1 tree, BC): Semi-double bloom, nice form but opens fast, nice for cutting, thornless, always loaded with buds and blooms. Excellent as tree, looks like a white cloud. No disease, hardiness good. Heaslip (2 pls 2 yrs 3' BC): Pure white with yellow stamens, good spray for exhibition, very good substance. Low tidy grower, disease free. King (2 pls 1 yr 6' TX): Outstanding pure white rose on huge plants, AARS selection. Will have to be shown open. striking jasmine fragrance. Tall growth habit, disease free. McKenzie (2 pls 1 yr 1' ON): Decorative form, poor substance. This rose was a disappointment to me, did not winter well, also found that in spite of my efforts it lacked in upright strength. Discarded. Raven (1 pl 2 yrs 1.5' AB): Good exhibition form, opens well showing off attractive stamens, good substance. Even though it's a white it still looks good in hot weather, heavy load of bloom with good repeat. No disease, hardiness OK if mounded. Shewchuk (3 pls 2 yrs 2' AB): 4" bloom, large clusters, good repeat, medium substance, does well in rain, a good floribunda to have. Medium green glossy foliage, no disease, hardy with proper protection. Stedman (1 pl 2 yrs 3' PE): Pure white bloom opens quickly to show yellow stamens, decorative form not exhibition, very prolific bloomer, large sprays, fragrant. Vigorous, but not overly impressed, wouldn't replace.

CONQUEROR'S GOLD, Fl. (Harkness '86) (Amy Brown x Judy Garland). YB (yb), yellow/edged orange-red, 18 petals. Flood (3 pls 3 yrs 3' ON): Large blooms, cupped form, many to a stem, not much fragrance but what an interesting colour. Starts out as yellow, touches pink and changes to orange. Many visitors to my garden comment on this rose. Healthy foliage, hardy.

DEB'S DELIGHT, Fl. (LeGrice '83) (Tip Top x unnamed seedling. PB (pb), silvery salmon pink blend, 35 petals. No reports. (Last year for reporting this rose).

DISCO DANCER, Fl. (Dickson '84) (Coventry Cathedral x Memento. OR (o-r), orange scarlet, The Hague GM '82. Yeomans (1 pl 5 yrs 2' BC): Frilly petals no doubt suggested the name. Tidy sprays, healthy, a doll.

FESTIVAL FANFARE (ST. JOHN OGILVIE), Fl. (Ogilvie '88, intr. '86) (Sport of Fred Loads). (ob), vermilion, 8-9 petals. No reports.

FRAGRANT GARDEN, Fl. (Kordes, not reg'd. intr. '84). MR (mr). Arberry (1 pl 2 yrs 3' BC): Large blooms, very good form, good substance. A nice red rose, wish it were a little more floriferous. Bushy grower, glossy dark green foliage, no disease, hardiness good. Dyck (3 pls 2 & 3 yrs 60 cm BC): Small blooms, HT type form, very good substance, lots of blooms in cool weather, beautiful. I replaced almost all my Europeana roses with Fragrant Garden and like it. Bush is more compact, flower is better and more of them. No disease, hardiness very good. Hopkins (1 pl 5 yrs 3.5' ON): Very large double blooms borne in clusters, garden form, good substance, prolific grower, always in bloom, non-fading. Some blackspot, hardy. Mychaluk (1 pl 2 yrs low AB): Hey! I like this one - rich deep red, every bloom exhibition, excellent substance, mostly singles, occasional clusters, holds petals forever, excellent foliage. Be sure to plant it in front row, it's a low grower, no disease.

GOLDMARIE, Fl. (Kordes '84). DY (dy), deep yellow, red on reverse of outer petals, 35 petals. Dyck (1 pl 1 yr 60 cm BC): Very good! Small round pretty roses in big trusses, very good substance, holds well. Planned to replace my Friesia roses with Goldmarie but the severe winter killed many of my bushes, including Goldmarie. Now I can't find Goldmarie any more. Very compact grower, healthy, weak.

H.C. ANDERSON (HANS CHRISTIAN ANDERSON) (AMERICA'S CHOICE), Fl. (D.T. Poulsen '86) (Royal Occasion x unnamed seedling). DR (dr). Baillie (1 pl 1 yr 3' ON): Semi-double bloom, excellent shape, good substance, nice yellow stamens. Seems like a great floribunda, always in bloom. Medium height, good foliage, disease free. Freeman (1 pl 1 yr 4'

ON): Lots of dark red frilly blooms all season, in loose sprays, good substance, excellent repeat. Blackspots, hope it's as hardy as they say.

HANNAH GORDON, Fl. (Kordes '83) (Unnamed seedling x Bordure Rose). PB (pb), white/deep pink petal edges, 35 petals. No reports. (Last year for reporting this rose).

HAROLD MACMILLAN, Fl. (Harkness '88, intr. '89) (Avocet x Remember Me). (o-r). Flood (1 pl 1 yr ON): Fairly full bloom, many to a stem, slow to repeat. Did not get a good start so made little progress until the fall, looking forward to next year's growth to report.

HARKNESS MARIGOLD, Fl. (Harkness '86) (Judy Garland x Anne Harkness). OB (ob), 35 petals. No reports.

HEDGEFIRE, Fl. (Kordes, not reg'd. intr. '83) (Dwarf King x Mazurka). MR (mr). No reports. (Last year for reporting this rose).

HEIDESOMMER, Fl. (Kordes '85) (The Fairy x seedling). W (w), 20 petals. No reports.

HIROSHIMA'S CHILDREN, Fl. (Harkness '85). YB (yb), light yellow/edged pink, 35 petals. No reports.

ILLUMINATION, Fl. (Pallek '86, not reg'd). AB (ab), salmon/apricot. Dyck (1 pl 1 yr 50 cm BC): Exactly like its parent 'Traumerei' except the colour. I like Traumerei much better. HT-like form, very good substance, upright grower, medium green glossy foliage, no disease.

IMPATIENT, Fl. (Warriner '82, intr. '84) (Climbing America x unnamed seedling). OR (o-r), 20-25 petals, AARS '84. Arberry (1 pl 2 yrs 2' BC): Exceptional bloom in singles and clusters, good form, excellent substance. One rose that is never without bloom and more buds ready to break forth. Very good growth habit, dark green foliage, no disease, hardiness no problem. Archibald (1 pl 2 yrs 20" SK): Large double exhibition form bloom, excellent substance, nearly always in bloom. A lovely orange floribunda, individual blooms, long lasting. Short bushy grower, quite disease free, hardiness good. Brisbane (2 pls 1 bush 2.5' 1 tree 5', BC): Delighted with this rose, striking orange-red colour, exhibition form and substance, floriferous, almost constant repeat, singles and clusters. Visitors to our garden always comment on the tree form. Severely pruned each spring it quickly develops a 3' diameter ball of solid bloom, I prune it back when blooms have aged and within weeks it gives another great performance and continues until late fall. Disease free. Raven (1 pl 3 yrs 1.5' AB): A

glowing orange red, very good form, good substance, tends to produce small clusters, not large blooms but many of them. I like the nice bright flowers but sometimes stems could be a big stronger for the blooms. Plant could be a bit taller, no disease, hardiness OK if mounded. Shewchuk (2 pls 5 yrs 2' AB): 3" bloom, flat form, good substance, large flower sprays, long lasting, good repeat. Very showy and does not fade readily, a good reliable floribunda. No disease, hardy with proper protection. Stedman (1 pl 2 yrs 2.5' PE): Quite impressed with this vivid orange floribunda, 3" early blooms of excellent quality, singly and clusters, good bloomer, weather resistant. No disease, hardy with protection.

INNER WHEEL, Fl. (Fryer's Nursery '84) (Pink Parfait x Picasso). (pb), carmine/edged rose pink, 22 petals. Stedman (1 pl 2 yrs 2.5' PE): Decorative hand-painted variety, blows quickly in heat, better in cooler weather, flat form, very prolific bloomer. Very vigorous spreading growth habit, hardy with protection. Wouldn't replace.

INTERNATIONAL HERALD TRIBUNE, Fl. (Harkness '84, intr. '85). (m), violet-purple, 20 petals. No reports.

INTRIGUE, Fl. (Warriner '82, intr. '84) (White Masterpiece x Heirloom). M (m), reddish purple, 20 petals, AARS '84. Arberry (1 pl 2 yrs 2.5' BC): Plum red, lovely when first open but colour fades quickly to blah! Fairly good form, only thing this rose really has going for it is its fragrance. Good growth habit, excellent foliage with no disease, hardiness good. Lacroix (2 pls 6 yrs 3' QC): Perfume is only favourable quality, no form, colour fades to very ugly greyish purple. Tough bush with good growth habit, will not replace if it ever dies, which seems unlikely. Pearson (1 pl 3 yrs 2' BC): 3.5" bloom, exhibition form, good substance, sprays of 3-5, sparse bloomer and slow repeat but occasional good spray is worth it. Low spreading grower, dark green foliage, no disease. Porter (1 pl 3 yrs 27" SK): Double blooms in clusters, excellent substance, could be more floriferous but I like it for its deep colour and fragrance. Blackspot severe in fall, hardiness OK with protection. Shewchuk (1 pl 2 yrs 2' AB): Fairly good exhibition form, medium substance, lots of bloom and good repeat, fragrant. A good variety in this odd colour class. Mildew resistant, hardy with proper protection.

INVINCIBLE, Fl. (De Ruiter '83) (Rubella x National Trust). DR (dr), 20 petals. Brisbane (1 pl 3 yrs 3.5-4' BC): Excellent floribunda, very bright dark red, excellent form and substance, floriferous and almost constant repeat. Tall, wide growth habit, very vigorous, large foliage, only problem is mildew which I control with faithful spray programme. (Last year for reporting this rose).

CAPTAIN SAMUEL HOLLAND (Shrub)
(Svejda & Ogilvie, 1990)

KORICOLE (NICOLE), Fl. (Kordes '85) (Seedling x Bordure Rose). PB (pb), white/edged pink, 35 petals. Heaslip (1 pl 1 yr 3' BC): White with dark pink petal edges, good sprays for exhibition, very good substance. Upright growth habit, semi-glossy foliage, disease free. Stedman (1 pl 3 yrs 3' PE): A beautiful pink blend floribunda, white tipped red, singles and clusters, very weather resistant, long lasting on bush. Highly recommended, deserves its 8.1 rating. I tried a different method of winter protection which resulted in some winter kill. Not as vigorous as last year, hope it comes back.

LANCASHIRE LIFE, Fl. (De Ruiter '84) (Robert Stoltz x Diablotin). OR (or). No reports.

LAUGHTER LINES, Fl. (Dickson '87) (Pye Colour x Sunday Times). PB (pb), hand painted medium pink/white, RNRS Gold Medal. No reports.

LAVENDER DREAM, Fl. (Inter Plant '84, intr. '85). (m), deep lilac pink, 16 petals. No reports.

LEN TURNER (DAYDREAM), Fl. (Dickson '84) (Mullard Jubilee x Eye Paint). RB (rb), ivory petals/flushed and edged carmine, 35 petals. No reports.

LORENA, Fl. (Kordes '83) (Angelique x seedling). MP (mp), medium salmon pink, 35 petals. No reports. (Last year for reporting this rose).

MARIANDEL (THE TIMES ROSE) (CARL PHILIP) (CHRISTIAN IV), Fl. (Kordes '86) (Tornado x Redgold). MR (dr), crimson. Chauncey (1 pl 1 yr less than 2' BC): Very slow to establish, very little bloom in 1st year, perhaps just a poor specimen. Few blooms have lovely dark red non-fading colour. Hopkins (1 pl 4 yrs 3.5' ON): Semi-double bloom, garden form, good substance, borne in clusters, slight fragrance. A dull plant, would not recommend. Spreading growth habit, red and green foliage, some mildew, hardy. Shewchuk (2 pls 2 yrs 2' AB): Large flowers in clusters, does not fade easily, good substance, stands rain well. No disease, hardy with proper protection.

ORANGE WAVE, Fl. (Kordes, not reg'd. intr. '83). OB (ob). Freeman (1 pl 3 yrs 3' ON): Frilly semi-double bloom, good substance, beautiful orange-red colour, what a nice rose! No fuss, good repeat. Got it by chance and it has become one of my most dependable roses. Hardiness good. (Last year for reporting this rose).

PLAYGIRL, Fl. (Moore '86) (Playboy x Angel Face). MP (mp), medium pink/yellow stamens. No reports.

PLEASURE, Fl. (Warriner '88) (Seedling x Intrigue). (mp), salmon coral, 30-35 petals, AARS '90. McKenzie (2 pls 1 yr 2.5-3.5' ON): Pink, salmon, coral blend, 3.5" bloom, large petals, decorative form, good substance, in clusters. Lots of flowers and good frequency, blooms last up to 10 days but have also faded with age. Spreading and upright grower, medium green foliage, resistant to insects and mildew. Raven (1 pl 1 yr 1' AB): Exhibition form, good substance, will need another year to evaluate. At present not very impressed but to be fair I think it needs another year to settle in. Low spreading grower, no disease, hardiness OK if mounded. Shewchuk (3 pls 1 yr 2' AB): 3-4" lovely bloom, beautifully shaped like a double ruffled petunia, fragrant, lots of bloom, good repeat. Very good substance, bloom long lasting, stands up well in rain and hot weather. Will be a very good addition to a rose bed if it proves hardy. Low neat bush, resistant to mildew. Will require another year to obtain some idea about hardiness.

PRINCESS ALICE (ZONTA ROSE), Fl. (Harkness '85) (Judy Garland x Anne Harkness). MY (my), 24 petals, Dublin GM '85). No reports.

RAF BRAECKMAN, Fl. ('85 - not reg'd). OB (ob). No reports

RASPBERRY ICE (TABRIS), Fl. (Kordes, not reg'd. intr. '86). PB (rb). Caldwell (2 pls 1 yr 3' & 2 yrs 3.5' ON): Wonderful shading from cream in centre to white with each petal overlaid with cerise at edging, holds a long time. Cup shaped form, good substance, several in a spray, a really good performer in all ways. I love to photograph this rose. Tall upright grower, shiny mid-green foliage, no disease, hardiness good. Hopkins (2 pls 4 yrs 3' ON): Semi-double bloom, exhibition form, long lasting. A very attractive plant and one of my favourite roses, highly recommend it. Disease resistant, hardy. Kopecky (1 pl 2 yrs 4' NE): High centred exhibition bloom, very good substance, fast opening, large trusses of outstanding colour combination, an eyecatcher in the garden. Lasts well when cut for the house, excellent rose for me. One of the tallest floribundas I have ever grown. No disease, hardiness excellent. Yeomans (2 pls 1 & 3 yrs 3' BC): Has not done much in my garden.

RED HOT, Fl. (McGredy '88). (pb). No reports.

REDWOOD, Fl. (McGredy '88, intr. '87) (Old Master x Vienna Woods). (rb), red/white eye. No reports.

ROSALI '83, Fl. (Tantau '83). MP (mp), 20 petals. No reports. (Last year for reporting this rose).

ROSEROMANTIC, Fl. (Kordes '84) (Seedling x Tornado). (w), pale pink,

single. No reports.

SEAFARER, Fl. (Harkness '86) (Amy Brown x Judy Garland). OR (o-r), dark orange red, 30 petals. Flood (3 pls 3 yrs 2' ON): There is some similarity to Conqueror's Gold except this is a larger bloom on shorter stems. Colouring is almost the same, a little darker. Growth hasn't exceeded 2'. Healthy and hardy.

SEXY REXY, Fl. (McGredy '84) (Seaspray x Dreaming). MP (mp), medium to light pink, 40+ petals, NZ Gold Star '84. Arberry (1 pl 2 yrs 1' BC): Exhibition form, good substance, one of the best floribundas grown when in full bloom which is nearly all summer. Hard to see any leaves through dozens of shell pink blooms. Upright grower, good foliage, no disease, hardiness excellent. Caldwell (1 pl 3 yrs 2' ON): Cup shaped bloom, petals overlap, good substance, very full, good amount of bloom, continuous over whole season. I love the way the petals lie layer upon layer to form a circular pattern. Smallish shiny dark green foliage, no disease, hardiness good. Decker (1 pl 5 yrs 1' AK): Camellia flowered, exhibition form, excellent substance, always in bloom, large sprays are too heavy in rain. My favourite pink floribunda. No disease. Freeman (2 pls 4 yrs 2.5' ON): Icing sugar pink, small puffy decorative form bloom, looks terrific and lasts a long time, good substance. Fantastic number of blooms in June-July in huge clusters. Tremendous in the first flush but I still can't get it to do anything all summer long, fair repeat in September. A place in every garden. Heaslip (1 pl 1 yr 3' BC): Exhibition form, very good substance, large clusters, slight fragrance. My best floribunda from size and shape of bush to form of sprays which come frequently. Disease free. Hopkins (2 pls 5 yrs 3.5' ON): Medium size double bloom, exhibition form, excellent substance. One of the very best roses in my garden, highly recommended. Disease resistant, hardy. Jubien (1 pl 2 yrs 2' QC): Small medium pink (pink blend ??) bloom in clusters, flat decorative form, good substance. Quite a different type of floribunda for me, blooms well and colour is quite attractive. No disease, hardiness good. Kopecky (1 pl 2 yrs 3' NE): Typical floribunda, very good substance. Getting better all the time, huge trusses this year with masses of bloom. Shown at right time it will whip anything in the floribundas, colour holds even in the hottest weather. Some blackspot, hardiness very good. McLean (1 pl 2 yrs 70 cm BC): Splendid medium pink clusters, gives great promise but has not yet attained the brilliance of what I saw in Parnell Garden, Auckland, N.Z. in December '87. Bush 50 x 30 cm. Mychaluk (1 pl 2 yrs medium AB): Exhibition possibilities, excellent substance, mostly clusters, lots of bloom with good repeat, beautiful colour. The form of each bloom is so perfect that I think I'd like to meet Rexy to make a comparison. No disease noted, hardiness excellent. Pearson (7 pls 1-4 yrs 2.5-3' BC): 3" blooms in clusters and sprays, exhibition form, excellent substance.

McGredy's best yet, a must have for everyone. No disease. Porter (1 pl 1 yr 18" SK): Double bloom in small clusters, excellent substance, slow to become established. Blooms were attractive but not too plentiful, hoping vigour improves next year. Blackspot in late season. Raven (1 pl 1 yr 2' AB): Good form and substance, blooms a bit on the small side but very appealing. Blooms cover plant, wish they were bigger. No disease, hardiness OK if mounded. Am interested to see how this one does next year. Stedman (1 pl 2 yrs 3' PE): My favourite floribunda, super in every respect, almost always in bloom, beautiful shell pink that doesn't fade. A little later to bloom than my other floribundas but still blooming well in mid-October when others are not, completely weather resistant. Should be floribunda of the century. Hardy with protection. Yeomans (3 pls 1-4-5 yrs 3' BC): A very attractive flower, does not flower enough in my garden. Moderate size bush, healthy.

SUMMER FASHION (ARC DE TRIOMPHE), Fl. (Warriner '86). YB yb), light yellow/edged pink, 20 petals. Arberry (1 pl 2 yrs 2.5' BC): All blooms are very good exhibition form, good substance. Second year for this rose, hoping for more bloom next year as blooms are beautifully shaped and quite large. Very bushy growth habit, light green foliage, no disease, hardiness no problem. Chauncey (1 pl 3 yrs 3' BC): Blooms have never matched the form and colour of Summer Fashion plants, will shovel prune if blooms don't open and colour stays streaky this coming year. Decker (1 pl 4 yrs 1.5' AK): Exhibition form bloom, good substance, long lasting, in small clusters, slow to repeat, colour fades to white. Am more impressed with bloom size, 6-7" when fully open, large for a floribunda. Seems OK in summer showers but expect it would ball in cold rain, some fragrance. Some mildew. Eyvindson (1 pl 2 yrs 2' MB): Large showy bloom, good buds open round, good substance, very pretty and decorative colour, some singles and some clusters, floriferousness varies. Strong stems, good basal breaks, hardy. Despite blackspot and mildew, I like it. Hart (2 pls 1-2 yrs 2.5' ON): 5.5" peony-like blooms, excellent substance, single blooms first with clustering in repeat bloom. Beautiful colour, starts out creamy yellow to white centre with pale pink edge, changes colour to deeper pink till it is all pink. Later blooms didn't change colour. No disease, winter hardy with mound of soil. Mychaluk (1 pl 2 yrs low AB): Possible exhibition but better as garden rose, good substance, singles only, plentiful bloom and good repeat. Last year the squirrels got every bloom but not this year. Really nice rose, good name, reminds me of a fluffy petticoat. No disease noted, hardiness good. Shewchuk (1 pl 1 yr 2' AB): 3 1/2" bloom, fragrant, colour should be yb, ours is more pink than yellow. Neat upright bush, no disease. Stedman (1 pl 3 yrs 2' PE): A favourite floribunda, very large bloom of HT size and shape, exhibition form, comes singly and in sprays of 3-4, very fragrant. Wish it were more vigorous and more bloom. Low grower, may need extra

protection.

SWEET NELL, Fl. (Cocker '83). OB (ob), 35 petals. No reports. (Last year for reporting this rose).

VOLUNTEER, Fl. (Harkness '85, intr. '86) (Dame of Sark x Silver Jubilee). YB (yb), like a small edition of Peace, 35 petals. No reports.

WANDERING MINSTREL (DANIEL GALIN), Fl. (Harkness '86) (Dame of Sark x Silver Jubilee). (pb), pink/shaded orange, 28 petals. No reports.

WINNING COLOURS, Fl. (J. Twomey '89) (Gingersnap x Maria). (ob), 50 petals. Biddulph (for Members of Rose Committee, Winnipeg Hort. Soc.) (1-3 pls 1 yr 1.5-4' MB): Colourful attractive garden rose, small HT form, good substance, some clusters, holds well. Some bushes very floriferous, bloomed almost continuously, well into November, others (mine included) didn't bloom at all. Bushy untidy growth habit, dark green, shiny, leathery small leaves, absolutely no disease. Many basal breaks once it started. Conflicting reports on this rose, waiting for 1991 for reassessments. Grindle (1 pl 1 yr 1.5' MB): Colourful very attractive small bloom, H.T. form, good substance, form holds well, so does colour. Really like this rose, may buy another. No disease. Hanna (1 pl 1 yr 1-2' MB): Medium size bloom, orange with red tipped petals, vigorous bloomer. Medium dark green foliage, hardiness not known yet. Thought this was a prairie origin rose but just found out it was hybridized by Jerry Twomey (T&T Seeds family) in California. Kamp (1 pl 1 yr 2' MB): Bright orange, very fragrant, blooms long lasting. Martin (2 pls 1 yr medium MB): Medium size bloom, deep yellow turning red as flower matures, produces fair amount of blooms. Medium size bush, medium size foliage, 1st year plant so cannot report on hardiness. Shewchuk (2 pls 1 yr 2' AB): 2-2.5" bloom, keeps its colour well in the sun, long lasting, lots of bloom and good repeat. If it winters well it will be a worthy addition to a rose garden. There was some uncertainty whether it was a floribunda or grandiflora, think blossoms are a bit small for a grandiflora. Medium green glossy foliage, new foliage reddish, resistant to mildew.

WISHING (GEORGIE GIRL), Fl. (Dickson '85) (Silver Jubilee x Bright Smile). (mp), medium peachy pink, 35 petals. No reports.

LARGE FLOWERED CLIMBERS

CRESTED SWEETHEART, LCl. (Moore '88). (mp), rose pink. No reports.

GOLDENER OLYMP (OLYMPIC GOLD), LCl. (Kordes '84). DY (dy), 20 petals. No reports.

HARLEKIN, LCl. (Kordes, not reg'd. intr. '86). (w), cream with pink edges. No reports.

SHRUBS

ALEXANDER MACKENZIE (A. MACKENZIE), S. (Explorer Rose). (F. Svejda '85, intr. '84). MR (mr), 45 petals. Agriculture Canada Experimental Farm (1 pl 6 yrs 4' SK): Double bloom, decorative form, substance fair at best, in clusters of 3-12 but not especially profuse, needs deadheading. A bit slow to come into bloom, does not branch freely thus limiting flower production. Blooms burn in bright sun under dry soil conditions, slight balling tendency in fall. This plant has improved with age. Upright grower, dark green foliage, no disease.

ANGELICA (ANGELA), S. (Kordes '84). DP (dp), 35 petals. No reports.

ANNA ZINKEISEN, S. (Hybrid Spinosissima). (Harkness '82, intr. '83.). W (w), 30 petals. Flood (2 pls 1 yr 3.5' ON): Pretty buds, very pale yellow opens to ivory, pleasing old rose perfume, always in bloom. Plants established themselves quite quickly. No disease. (Last year for reporting this rose).

ARMADA, S. (Harkness '88). (mp). Flood (2 pls 1 yr ON): Semi-double blooms, nicely shaped, neat clusters, excellent colour and substance. Repeats quickly, very pleased with its performance in the first season, lots of healthy foliage. Looking forward to next year.

BELLE STORY, S. (English Rose). (D. Austin '85, intr. '84). LP (lp), 35 petals. No reports.

BLOOMIN' EASY, S. (Christensen, intr. '88). (mr). No reports.

BREDON, S. (English Rose). (D. Austin '85, intr. '84). AB (ab), 40+ petals. No reports.

CARDINAL HUME, S. (Harkness '84). M (m), violet purple, 31 petals. No reports.

CAREFREE WONDER, S. (Meilland '90, intr. '91). (pb), rich pink/creamy pink reverse, 20-25 petals, AARS '91. Cochran (2 pls 2 yrs 3.5-4' CA): Bright flashy pink, creamy reverse, creamy white border frames every rose, looks hand-painted. Decorative form, great substance, mild apple fragrance, extremely floriferous, very large clusters of 5-8 blooms completely cover plant. A beautiful shrub rose, no maintenance, will be in demand for colour and disease resistance. Rounded bushy growth habit, bright semi-glossy light green foliage.

CLAIRE ROSE, S. (English Rose). (D. Austin '86). LP (lp) soft pink/edged blush pink. Jubien (1 pl 2 yrs 6' QC): Decorative form, good substance, looks like the Bourbon roses, round in shape and flat. I found that when I picked this rose for the house it stood up very well and I'm going to keep it as is. Tall grower, fair foliage, no disease, hardiness good.

ELVESHORN, S. (Kordes '85). MP (mp), 35 petals. No reports.

FISHERMAN'S FRIEND, S. (English Rose). (D. Austin '88, intr. '87). (dr). No reports.

GRAHAM THOMAS, S. (English Rose). (D. Austin '83). DY (dy), deep rich yellow, 35 petals. Baillie (1 pl 2 yrs 5' ON): Loose form, cup shaped bloom but it's almost a semi-double and stamens are good, light fragrance, a delightful rose. I find it a little slow to repeat. Upright grower, fair foliage, some blackspot, hardiness good. Freeman (1 pl 1 yr 5' ON): Old fashioned globular bloom, fair substance, pretty good repeat for first year plant. Put at the back of the bed, long shoots, some to 10' in 1st year. Looks promising but hope it's hardy. Hopkins (1 pl 1 yr 3' ON): Medium size cupped blooms, garden form, good substance, fragrant. Attractive plant. Bushy grower, light green foliage, no disease. (Last year for reporting this rose).

HENRY KELSEY, S. (Kordesii) (Explorer Rose). (F. Svejda '84). MR (mr), 28 petals. Agriculture Canada Experimental Farm (1 pl 6 yrs 3' SK): Attractive bright red colour, decorative form, excellent substance, blooms intermittently. Double to semi-double bloom with 3 rows of petals, will set hips. Sprawling growth habit, grown without support which it needs. Dark green glossy foliage, blackspot at base. Winter injury is usually substantial but regrowth is vigorous. Can expect 50% dieback in winter, or more.

Lacroix (3 pls 2 yrs 6' QC): Rather small size blooms, extremely free flowering, can be used as a pillar rose. Very glossy foliage. Lost one bush last year, doesn't seem as hardy as John Cabot or William Baffin.

HERITAGE, S. (English Rose). (Austin '85, int. '84). LP (lp), clear shell pink, 40+ petals. Jubien (1 pl 2 yrs 3'+ QC): Cupped decorative form bloom, medium size, good substance, good rose. I was very tempted to try some of Austin's roses but I really don't have enough space to allow them to grow as tall as they could. Fair foliage, no disease, hardiness good.

J.P. CONNELL, S. (F. Svejda '87). MY (my). Freeman (1 pl 3 yrs 4' ON): Very pale yellow fades to white, nice tiny buds open to frilly little decorative flowers that droop in the heat, poor substance. It is supposed to be a repeat bloomer but it has never repeated for me. Not worth the space so I'm afraid it will have to go. Small fine light green foliage, no disease, hardiness excellent. Lacroix (1 pl 3 yrs 2' QC): Good form and substance, medium yellow as it opens then fades to buff white. Profuse bloomer with poor repeat, mostly clusters. Upright growth habit, no thorns, very winter hardy on its own roots.

JACQUELINE DU PRE, S. (Harkness '88). (w), blush white with golden stamens. Flood (2 pls 1 yr ON): Small flowers, clear white, exhibit stamens very well , good substance, lots of repeat bloom. Quick to establish, planted in an exposed area, grew quickly and didn't mind the wind. Lots of clean healthy foliage.

JOHN DAVIS, S. (Kordesii). (F. Svejda '86). MP (mp), medium pink/yellow at base, 40 petals. Agriculture Canada Experimental Farm (3 pls 7 yrs 4' SK): Pleasing salmon pink, lighter with age, 4" double bloom, decorative form, excellent substance, in clusters of 5-8, floriferous. 8' wide sprawling growth habit, needs support, medium green glossy foliage, no disease. Winter injury was more severe than in previous years but plants bloomed well in spite of it. May benefit from shelter of buildings, hardier than Henry Kelsey. Porter (3 pls 6 yrs 4-5' SK): Double bloom, flat form, very good substance, in good clusters, fairly continuous. A reliable rose with a pleasing pink colour. Bushy to slightly sprawling growth habit, medium green foliage, no disease, very hardy with minor tip kill. Bushes are generally wider than tall, attracts rose curculios, otherwise no major faults.

KORDES' BRILLIANT, S. (Kordes '83). OB (ob), 35 petals. No reports. (Last year for reporting this rose).

LAVENDER DREAM, S. (Interplant '84, intr. '85). M (m), deep lilac pink, 16 petals. No reports.

LUCETTA, S. (English Rose). (D. Austin, not reg'd. intr. '83). LP (lp), soft blush pink fading to near white. Baillie (1 pl 1 yr 3' ON): Small loose bloom, cup shaped form, good substance. Rather sparse for first year but a lovely soft pink and seems disease free. Upright grower, good foliage. Freeman (1 pl 1 yr 3' ON): Beautiful bud, ethereal semi-double bloom, pale pink and white, more modern looking than most of Austin's roses. Rangy grower, one shoot was 6.5' long. I like it a lot, hoping for more bloom next year. Hopkins (1 pl 4 yrs 5-6' ON): Semi-double bloom, garden form, good substance, sparse bloomer, not one of the best Austin roses. Spreading growth habit with strong arching branches, dark green disease resistant foliage, hardy. (Last year for reporting this rose).

MARY ROSE, S. (English Rose). (D. Austin '83). MP (mp). Baillie (1 pl 1 yr 3' ON): Loose bloom, cup shaped form, good substance, colour not outstanding but a pretty rose, continuous, seems always to have some bloom, fragrant. Spreading grower, very good foliage, no disease, hardiness good. Freeman (1 pl 1 yr 4' ON): Old fashioned double bloom, in sprays, excellent repeat, lovely fragrance. Neat bush and foliage, no disease. Not as gorgeous as some other Austins but seems more reliable, a real workhorse, recommend it. Hopkins (1 pl 2 yrs 3' ON): Very double bloom, garden form, excellent substance, dozens of blooms, in bloom almost all season. Bushy grower, dark green foliage, disease resistant, hardy. (Last year for reporting this rose).

MARY WEBB, S. (English Rose). (D. Austin '85, intr. '84). AB (ab), pale lemon yellow. Porter (1 pl 1 yr 6' SK): Quite small cream double bloom, cupped form, fair substance, in clusters but rarely in bloom, unusual very sweet fragrance. Very disappointed, plant was small, stunted, with poor vigour. Produced two clusters of bloom, didn't last long. Short weak grower, light green foliage, some leafspots, no blackspot.

MORDEN BLUSH, S. (Collicutt-Marshall '88) (Parkland Series). LP (lp), light pink fading to white, 30 petals. Agriculture Canada Experimental Farm (1 pl 2 yrs 27" SK): Good bud form, double bloom, decorative form, excellent substance, in clusters of 6-15, fairly continuous bloomer. sweetly fragrant. Delicate colour combination is most attractive. Excellent vigour and bloom in spite of winter die back, dull dark green foliage, no disease, winter killed to 8". Hanna (1 pl 3 yrs 1-2' MB): White when first opening, with a pink centre when fully open, vigorous bloomer. Neat growing habit, small dark green leaves, very hardy. This is one of the newer Morden "Parkland" series. I have found it a very easy rose to grow here in the Manitoba climate, can be propagated like a geranium. Lacroix (2 pls 2 yrs 3' QC): Excellent shrub with beautiful very double blooms resembling Old Garden roses, no fragrance, borne mostly in clusters. Beautiful light pink

fading to blush white. Very winter hardy on its own roots. Porter (1 pl 2 yrs 10" SK): Blush pink colour deepens in centre. Double bloom, decorative form, excellent substance, flowers most attractive, may plant more of this rose. Bushy low grower, dark green foliage, no disease. Grown in a pot last year, overwintered and grown in 1990 in pot submerged in garden. Has improved with age and growing sturdier stems. Some tip killing.

MORGENROT, S. (Kordes '85). RB (mr), bright red/white centre/yellow stamens, 5 petals, Paris GM '83. No reports.

OTHELLO, S. (English Rose). (D. Austin, not reg'd. intr. '86). DR (dr), rich dark crimson turning to purple & mauve shades. No reports.

PERDITA, S. (English Rose). (D. Austin '83, not reg'd.). LP (lp), apricot blush, Henry Edland Medal for Fragrance '84. Hopkins (1 pl 4 yrs 4.5' ON): Semi-double bloom, lovely apricot blend, garden and exhibition form, good substance. Long lasting blooms, slight fragrance. Highly recommend this Austin rose. Spreading growth habit, tall arching branches, dark green foliage, disease resistant, hardy. Raven (1 pl 1 yr 1.5' AB): Large open old-fashioned bloom, pale apricot colour, good decorative form, good substance, very eye catching, not a heavy bloomer but this is it's first year in my garden. In small clusters, fair repeat, some fragrance, a winner in my opinion. If the rest of the Austin shrubs are like this one I'll try to get more. Rangy grower, no disease. (Last year for reporting this rose).

PINK MEIDILAND, S. (Meilland '84, intr. '85). (pb), deep pink/white eye, 5 petals. Porter (1 pl 2 yrs 21" SK): Single bloom, hot pink with white centre, decorative form, good substance. So far, not worth the space it occupies, blooms are very sparse although charming. Will try one more year and if no improvement will discard. Bushy grower, dark green disease free foliage, kills to ground level.

PINK ROBUSTA (THE SECKFORD ROSE), S. (Kordes '87, intr. '86). MP (mp). No reports.

PRETTY JESSICA, S. (English Rose). (D. Austin, not reg'd. intr. '83). MP (mp), warm rich pink. Freeman (1 pl 1 yr 18" ON): Old fashioned, quartered bloom, great substance, gorgeous, very fragrant. Slow to repeat but this is its first year. Be sure to plant at front of bed as it's very short. Sure is pretty but wish it bloomed more, maybe next year. Good foliage, no disease. Hopkins (1 pl 4 yrs 3' ON): Very double bloom, old garden form, good substance, fragrant, blooms drop cleanly. Improves every year. Compact grower, dark green foliage, disease resistant, hardy. (Last year for reporting this rose).

RALPH'S CREEPER (HIGHVELDT SUN), S. Ground cover. (R. Moore '88, intr. '87). (rb), red/yellow bicolour, 18" high. No reports.

RHEINAUPARK, S. (Kordes '83). MR (mr), vivid red, 20 petals. Dyck (1 pl 3 yrs 1m BC): Like a little HT, very pretty, in bouquets of 6-12 blooms at end of the branch, keeps well, bloom never fades in heat. The nicest bush in our rose garden, fair repeater. Compact grower, beautiful dark green glossy foliage, no disease, hardiness good. (Last year for reporting this rose).

ROSENRESLI, S. (Kordesii). (Kordes '87, intr. '86). DP (dp). No reports.

SCARLET MEIDILAND, S. (Meilland '87). (rb), scarlet. Shewchuk (2 pls 1 yr 2' AB): 1.5-2" double blooms, large clusters, long lasting, good repeat. Suitable for a low hedge. Upright grower, dark glossy foliage, no disease.

TAMORA, S. (English Rose). (D. Austin, not reg'd. intr. '83). AB (ab). Hopkins (1 pl 4 yrs 3' ON): Beautiful colour, semi-double bloom, garden form, good substance, fragrant. In bloom most of season, one of the best Austin roses. Bushy growth habit, dark green foliage, disease resistant, hardy. (Last year for reporting this rose).

TANEZAMOR (ROMANZE), S. (Tantau '85). MP (mp), 20 petals, Baden-Baden GM '85. No reports.

THE COUNTRYMAN, S. (English Rose). (D. Austin '88, intr. '87). (mp). No reports.

WENLOCK, S. (D. Austin '85, intr. '84). MR (mr), medium crimson, 40+ petals. No reports.

WESTFALENPARK, S. (Kordes '87, intr. '86). AB (ab). No reports.

WHITE MARY ROSE, S. (English Rose). (D. Austin, intr. '88). (w). No reports.

WILLIAM BAFFIN, S. (Kordesii) (Explorer Rose). (F. Svejda '83). DP (dp), deep pink/light yellow centre, 20 petals. Agriculture Canada Experimental Farm (1 pl 6 yrs 6' SK): Single to semi-double 3" bloom, flat to cupped form, excellent substance. In large clusters of up to 10, flowers are reminiscent of wild roses. Bushy, slightly arching growth habit, dark green foliage, no disease but needs spraying to control rose curculios. Usually winters well with occasional severe injury to some branches. Lacroix (1 pl 2 yrs 5' QC): Semi- double bloom, very easy to identify as all blooms have a white streak in petals. Not very floriferous, only occasional blooms

throughout season. Very winter hardy. (Last year for reporting this rose).

WILLIAM SHAKESPEARE, S. (English Rose). (D. Austin '87). DR (dr). Hopkins (1 pl 2 yrs 3.5' ON): Very double bloom, garden form, good substance, a much improved second year plant. Bushy grower, dark green foliage, disease resistant, hardy.

WINDRUSH, S. (English Rose). (D. Austin '85, intr. '84). MY (my), lemon yellow. Chambers (1 pl 2 yrs 5' NS): Curving cream-yellow petals surround brilliant yellow stamens, exquisite. Strong substance, in clusters of 4-5. The second year for Windrush in my garden and now has given so much pleasure this summer by continuous repeat blooms. I found it does not like being cut for arrangements etc. Graceful arching branches, dark green foliage, no disease, very hardy with leaf covering for winter. Hopkins (1 pl 3 yrs 3.5' ON): Lovely large semi-double blooms, garden form, excellent substance, fragrant. It's one of my favourites. Upright growth habit, dark green disease resistant foliage, hardy.

MINIATURES

ALEXANDER MILNE, Min. (Laver '87). LP (lp), light to blush pink. Porter (1 pl 2 yrs 11" SK): Double bloom, decorative form, excellent substance, in clusters, short stems, needs dead-heading. I like the delicate colour of this one. Only mediocre in performance but may be too close to some shrub roses. Compact growth habit, dark green foliage, hardiness OK with protection.

ALWAYS A LADY, Min. (Bennett '88). M (m). No reports.

APRICOT CHARM, Min. (Williams '86). AB (ab), 45 petals. No reports.

APRICOT MIST, Min. (Saville '87). AB (ab). No reports.

ARIZONA SUNSET, Min. (Jolly '85). YB (yb), light yellow/ flushed orange-red, 20 petals. No reports.

BABY DIANA, Min. (Saville '86). AB (ab), orange-red/yellow reverse, 20 petals. Lacroix (2 pls 2 yrs 10" QC): Good form and substance, good exhibition rose. Not very vigorous and shy bloomer. Winter hardy.

BABY ECLIPSE, Min. (Moore '84). MY (my), Award of Excellence '84. No reports.

BEAUTYGLO, Min. (Williams '85). LP (lp), 35 petals. No reports.

BLACK JACK, Min. (Williams '83). DR (dr), Deep red/golden stamens, 40 petals. No reports. (Last year for reporting this rose).

BLACK JADE, Min. (Benardella '85). DR (dr), deep velvety red, 35 petals. Award of Excellence '85. Kopecky (3 pls 4 & 5 yrs 2' NE): For me it's exhibition, for some judges it doesn't show a centre. Excellent substance, ample bloom all season. Have always liked this rose. I like dark reds and this one is a winner for me, most either like it a lot or hate it. Tall for a mini, some blackspot, needs extra winter protection where temperatures drop to below zero. Lacroix (1 pl 2 yrs 16" QC): Very dark red, almost black, will become even darker if refrigerated. Must be protected from hot sun as it fades to muddy brown. An excellent exhibition rose with excellent form and substance. Many singles, on good stiff stems. Porter (1 pl 6 yrs 18" SK): Double bloom, exhibition form, excellent substance, in small clusters. Blooms intermittently, could be a little more floriferous. I will always grow this one for its unique colour. Upright grower, dark green foliage, some mildew, hardiness OK with protection.

BLUE PETER, Min. (De Ruiter '83). M (m), lilac-purple. No reports. (Last year for reporting this rose).

BLUSHING BLUE, Min. (B. Rennie '88). MB (mb). No reports.

BONHOMME, Min. (Laver '86). W (w). Porter (1 pl 4 yrs 12" SK): White, creamy yellow in centre, double bloom in clusters, exhibition form, excellent substance, would like to see more bloom. Initially weak, vigour has continued to improve each year. Bushy compact grower, dark green foliage, no disease, hardiness OK with protection.

BRIAN LEE, Min. (Bennett '86). MB (mb), dark red aging mauve, 28 petals. No reports.

CALIFORNIA DREAMING, Min. (B. Rennie '86, intr. '87). MR (mr), medium red/lighter reverse, 28 petals. No reports.

CALIFORNIA GIRL, Min. (B. Rennie '87). AB (ab), apricot/yellow blend reverse, 28 petals. Freeman (1 pl 3 yrs 10" ON): Very attractive colour, HT form, great substance, even with no leaves it has lots of lovely bloom all summer, very reliable. Compact grower, what foliage? Blackspots, hardiness

good. Magee (1 pl 3 yrs 14" ON): An attractive medium size bloom, medium number of petals, HT form bud, good substance, free blooming. Rather smallish grower, foliage in proportion, quite disease free, hardy.

CAPE HATTERAS, Min. (Bridges '88). W (w). No reports.

CARIBBEAN QUEEN, Min. (B. Rennie '87). R (r), apricot copper/yellow reverse, 33 petals. No reports.

CENTERPIECE, Min. (Saville '84). MR (mr), velvety dark red, 35 petals, Award of Excellence '85. Brisbane (1 pl 1 yr 8" BC): Deep red medium size bloom, exhibition form, good substance, in clusters, quite free blooming all season. Neat upright bush with strong stems, dark green foliage, no disease with good spray programme, some winter damage. Lacroix (1 pl 1 yr 12" QC): Erratic blooms, some perfect, some terrible, stingy bloomer. Not impressed with this one, will discard. Porter (1 pl 4 yrs 11" SK): Double bloom, exhibition form, excellent substance, in small clusters. Rather weak with intermittent bloom, suspect it is getting too much competition from adjacent Morden Cardinette and Morden Amorette. Upright grower, no disease, hardiness OK with protection.

CHASIN' RAINBOWS (CHASING RAINBOWS), Min. (Saville '88, intr. '90). (rb), yellow/edged red. Caldwell (1 pl 1 yr 8" ON): Fantastic bright colour, small plant that can be seen from a great distance. Full blooms with petals curled back, long lasting, could be more floriferous. I really like this one. No disease. Mychaluk (1 pl 1 yr medium AB): Gorgeous little bloom, name suits this little rose, full of colour and if you chase this rainbow you may find some silverware at the end of it. Can be exhibition, very good substance, great stem support, repeats quickly. Excellent growth habit and foliage, no disease, hardiness good.

CHEER UP, Min. (Bennett '86). OB (ob), deep orange, 28 petals. No reports.

CHEERS, Min. (Saville '84). OB (ob), orange-red/cream reverse, 20 petals. No reports.

CHERYL'S DELIGHT, Min. (Williams '84). PB (pb), medium pink/white reverse, 35 petals. No reports.

CHEYENNE, Min. (Spooner '85). AB (ab), golden apricot, 20 petals. No reports.

CINNAMON TOAST, Min. (Saville '86) R (r), russet brown, 28 petals. No

reports.

COPY CAT, Min. (Moore '86, intr. '85). MP (mp). Kamp (3 pls 3 yrs 1' MB): Nice form, sweet fragrance, I love that little rose. Hardy.

CRIMSON MOSS, Min. (Moore '88). (dr), bright crimson red.
No reports.

DANDENONG, Min. (McGredy, not reg'd, intr. '87). OR (o-r). Hopkins (1 pl 4 yrs 20" ON): Double bloom, orange-red, exhibition form, good substance. Fairly large blooms, a 'patio' type plant. Upright grower, dark green foliage, disease resistant, hardy. Porter (1 pl 2 yrs 12" SK): Double bloom in small clusters, attractive colour, excellent substance. Open growth habit, a bit spindly. Went by practically unnoticed as it was nearly overgrown by a bush of Morden Ruby. Hardiness OK with protection.

DEBUT, Min. (Jacques Mouchotte, Selection Meilland '88). RB (rb), red and creamy white, 15-20 petals, AARS '89. Archibald (1 pl 1 yr 11" SK): Large double bloom, exhibition form, excellent substance, frequent bloomer, in small clusters. A very pretty little rose. Bushy grower, clean neat foliage. Heaslip (3 pls 1 yr 15" BC): Tiny bloom with spiralled centre, exhibition form, good substance. Rounded growth habit, medium green foliage, disease free. Hopkins (1 pl 2 yrs 12" ON): Double bloom, exhibition form, good substance, a beautiful second year plant. Compact growth habit, no disease, hardy. Magee (1 pl 2 yrs 12" ON): Creamy white edged red, open bloom a beauty with glowing colour, decorative form, good substance. A beautiful variety but could bloom a bit more. Bushy growth habit, low neat small bush with foliage in proportion, disease free, hardy.

DEE BENNETT, Min. (Saville '88, intr. '89). (ob), Award of Excellence '89. Heaslip (3 pls 1 yr 15" BC): Exhibition type bloom, very good substance, in sprays and singles. I like the flowing colour. Compact growth habit, medium green foliage, disease free. Lacroix (1 pl 2 yrs 16" QC): Orange apricot bloom with excellent form and substance. Not many blooms but all quality, on long stems. Very winter hardy. Magee (1 pl 2 yrs 10" ON): Medium size bloom, not too many petals. A fine colourful variety. Bushy grower, foliage in proportion, quite disease free, hardy.

DILLY DILLY, Min. (Bennett '85). M (m), lavender, 35 petals. No reports.

DOROLA (BENSON & HEDGES SPECIAL), Min. (McGredy '82, intr. '83.) DY (dy), 26 petals. No reports. (Last year for reporting this rose).

EARTHQUAKE, Min. (Moore '83). RB (rb), variegated red & yellow/yellow reverse, 40+ petals. Lacroix (1 pl 2 yrs 12" QC): Yellow with variegated red, poor form and substance, many vegetative centres. Floriferous but doesn't appeal to me, will not keep. Some mildew, winter hardy. (Last year for reporting this rose).

ELLAMAE, Min. (Saville '86). AB (ab), apricot, 35 petals.
Magee (1 pl 15" ON): Medium sized bloom, very attractive HT form buds and open blooms, could repeat a little more. Colour is its best asset, a bit different from others. Compact bushy grower, foliage in proportion, quite disease free, hardy.

FANCY PANTS, Min. (King '86, intr. '87). RB (rb). No reports.

FIDDLER'S GOLD, Min. (Williams '85). DY (dy), 40 petals. No reports.

FREEGOLD (PENELOPE KEITH), Min. (McGredy '83). DY (dy), deep yellow/gold reverse, 20 petals. Hopkins (1 pl 5 yrs ON): Garden form, good substance but a waste of money to buy this plant. Compact grower, tiny green leaves, mildew and blackspot, hardy. (Last year for reporting this rose).

GENTLE TOUCH, Min. (Dickson '86). LP (lp), pale pink, Rose of the Year '86. No reports.

GOLD MINE, Min. (Laver '84). DY (dy), 20 petals. No reports.

GOURMET POPCORN, Min. (Desamero '86). W (w), sport of Popcorn. Heaslip (1 pl 1 yr 3' standard BC): Nickel sized single blooms in full sprays, decorative form, very good substance. When in full bloom the sprays cascade like a bridal veil. Nice umbrella shape bush, light green foliage, no disease.

HAPPY GO LUCKY, Min. (Saville '87). OB (ob). No reports.

HAPPY HOUR, Min. (Saville '83). MR (mr), bright medium red/ yellow eye, 20 petals. No reports. (Last year for reporting this rose).

HEAVENLY DAYS, Min. (Saville '88). OB (ob). Kopecky (1 pl 2 yrs 1'6" NE): High centred exhibition form, very good substance. This mini almost took over the bed, grew like a weed, producing an abundance of bloom all year. One of the easiest to care for. Large robust growth habit, no disease, hardiness very good.

HERBIE, Min. (Bennett '87). (mb). No reports.

LOUIS JOLLIET (Shrub)
(Svejda & Ogilvie, 1990)

HIGH SPIRITS, Min. (Saville '83). MR (mr), 35 petals. No reports. (Last year for reporting this rose).

HURDY GURDY, Min. (McGredy '86). (rb), striped. No reports.

IMPULSE, Min. (Jolly '86). PB (pb). No reports.

JEAN KENNEALLY, Min. (Bennett '84). AB (ab), pale to medium apricot, 22 petals, Award of Excellence '86. Kopecky (3 pls 2 yrs 2' NE): Always excellent exhibition form, excellent substance, probably the best mini I have with Party Girl. These two bloom all the time, last well, singles or trusses. Robust growth habit, just the very best of minis. No disease, hardiness excellent. Lacroix (4 pls 4 yrs 30" QC): Apricot fading to pinkish buff, gorgeous buds that open evenly, exhibition form, very long stems, always in winners' circle. A bit tender in winter, have lost 2 bushes this spring. Porter (1 pl 3 yrs 33" SK): Double bloom, exhibition form, excellent substance, in clusters and occasionally singles, floriferous and fairly continuous. Plant improves each year, was best mini spray in Regina Horticultural Society Show in August. Tallest mini I have, requires spraying for severe mildew, hardiness OK with protection.

JENNIFER, Min. (Benardella '85). PB (pb), light pink/white reverse, 35 petals, Award of Excellence '85. Lacroix (1 pl 3 yrs 24" QC): Exhibition rose with long cutting stems, opens very fast. Very heavy perfume for a miniature.

JIM DANDY, Min. (Benardella '88, intr. '89). (rb), Award of Excellence '89. No reports.

JOE-JOE, Min. (Gene King '85). YB (ob), orange yellow/ yellow reverse, 25 petals. No reports.

JOYCIE, Min. (Moore '88). (ob). No reports.

JULIE ANN, Min. (Saville '84). OR (o-r), 20 petals, Award of Excellence '84. Brisbane (1 pl 1 yr 15" BC): Outstanding colour, some fading in summer sun, excellent exhibition form and good substance, mostly large clusters but some singles, floriferous. A vigorous bushy plant, excellent dark green foliage, disease-free. Lacroix (1 pl 2 yrs 12" QC): Exceptional colour, perfect exhibition form, fair substance, in clusters and some singles, profuse bloomer, light fruity fragrance. Winter hardy.

JUNE LAVER, Min. (Laver '87, intr. '88). DY (dy). Caldwell (1 pl 2 yrs 10" ON): Saffron yellow, HT form with high centre, good substance, large

bloom for size of plant but good show rose. Slow to open, some blackspot. Decker (1 pl 1 yr AK): lst year plant, slow to grow, no blooms. Will re-evaluate next year. Heaslip (3 pls 1 yr 15" BC): Exhibition form with nice reflexed petals, very good substance, first blooms seemed too large, now producing smaller nicer blooms, close to perfection. Compact growth habit, medium green foliage, no disease. Hopkins (2 pls 2 yrs 12" ON): Double bloom, exhibition form with high centre and excellent substance. Deep yellow non-fading blooms, long lasting, excellent for cutting and a top exhibition rose. Bushy grower, some blackspot, hardy. Kamp (5 pls 4 yrs 1' MB): Exhibition HT form, nice yellow, nice for corsages and mini baskets. No disease, hardy for Manitoba. Lacroix (4 pls 3 yrs 8" QC): Deep saffron yellow that fades to buff apricot, exhibition form, excellent substance. Short stems make it hard to exhibit but wouldn't be without it. Winter is very hard on this one but it eventually recovers. Porter (1 pl 3 yrs 6" SK): Large double bloom, exhibition form, excellent substance. As in previous years this rose remains very dwarf with oversized flowers, lacks vigour and is not very floriferous. Main merit is its shapely flowers which are fairly long lasting. No disease, hardiness OK with protection.

KITTY HAWK, Min. (Bridges '86). (pb), deep pink/lighter pink reverse, 29 petals. No reports.

LAVENDER JADE, Min. (Benardella '87). MB (mb), lavender with lighter reverse. Lacroix (1 pl 1 yr 18" QC): Exhibition form, fair substance, heavy perfume. Profuse bloomer, mostly clusters, weak stems. Not really impressed with this one. Magee (1 pl 3 yrs 16" ON): Large attractive bud and open flower that has sufficient repeat bloom, good substance. A good lavender variety with good perfume. Upright bushy growth habit, foliage a little large, quite disease-free, hardy. Porter (1 pl 3 yrs 14" SK): Double bloom, exhibition form, good substance but blooms always open with blemishes. Never profuse but fragrance is good. Am tempted to discard as it needs extra care to control mildew and thrips. Hardiness OK with protection.

LAVjoy (ENJOY), Min. (Laver '89, intr. 90). PB (pb). Archibald (1 pl 1 yr 10" SK): Picotee red and white, quite large fully double bloom, exhibition form, excellent substance, in clusters frequently. A very pretty rose. Nice bushy grower, clean neat foliage, small amount of blackspot. Caldwell (1 pl 2 yrs 8-10" ON): A different dainty pastel colour. Would like more bloom, looking forward to seeing how it performs next year. Heaslip (2 pls 1 yr 16" BC): Similar to Tabris, good sprays, good substance, wonderful fragrance. Rounded growth habit, dark green foliage, no disease. Magee (1 pl 1 yr 9" ON): Medium sized HT buds open into attractive open blooms with medium petallage, good substance, quite good repeat bloom. Small bush, foliage in

proportion, fairly disease free. Mychaluk (1 pl 1 yr medium AB): Lovely luscious colour, seems more of a medium pink than pink blend, every bloom exhibition form, excellent substance, ample bloom, good repeat. A lovely little rose, will order another one. Well clothed with good foliage, no disease noted.

LOVEGLO, Min. (Williams '83). LP (lp), light coral pink and cream, 40+ petals. No reports. (Last year for reporting this rose).

LOVING TOUCH, Min. (Jolly '83). AB (ab), 25 petals, Award of Excellence '85. Mychaluk (2 pls 2 yrs AB): Colour is lovely and lush, every bloom perfect but huge, best ever substance. This year I planted them in 10" pots to give them enough room to grow, only thing that's bad about this rose is that it's too big to be a miniature and too small to be a floribunda, definitely a 'sweetheart' rose. Vigorous growth habit, excellent foliage, no disease. Smallenberg (1 pl 1 yr 18" BC): 2"+ bloom, every one perfect classic form, opens flat, excellent substance. opens slowly, long lasting. Exhibition potential and well suited to floral arranging. Graceful branching and spreading growth habit, long dark green glossy foliage that matches long elegant buds, no disease. (Last year for reporting this rose).

LUIS DESAMERO, Min. (Bennett '89). (my), soft pastel yellow. No reports.

MAKE BELIEVE, Min. (Moore '86, intr. '85). MB (mb), mauve and white blend/red-purple reverse, 10 petals. No reports.

MARTY'S TRIUMPH, Min. (Bischoff '85). PB (pb), bright coral pink/white reverse, 28 petals. No reports.

MAURINE NEUBERGER, Min. (Spooner '89). (mr). Lacroix (1 pl 1 yr 12" QC): Excellent high centred bloom with excellent substance, mostly singles, on long stems. Compact bush.

MILLIE WALTERS, Min. (Moore '83). DP (dp), coral pink, 45 petals. No reports. (Last year for reporting this rose).

MOUNTIE, Min. (Laver '84, intr. '85). MR (mr), 35 petals. Caldwell (1 pl 1 yr 18" ON): Excellent clear bright red colour, full bloom, form is more round, lots and lots of bloom. Excellent rose. Dark green foliage, edged red, very neat. Kopecky (1 pl 3 yrs 18" NE): Excellent high centred form, very good substance. outstanding blooms but stems are too short to exhibit properly. Still think this one is a mite on the big side for a mini. No disease so far, hardiness very good. Lacroix (3 pls 3 yrs 12" QC): Excellent garden

variety, excellent form and substance, mostly in clusters, very few singles if any, fades very little. Winter hardy. Mychaluk (1 pl 2 yrs tall AB): Perfect name for this rose, colour is an exact match for a Mountie's uniform, can be exhibition form, good substance, lots of bloom and good repeat. The Lavers have a winner here, good all round miniature rose. Strong growth habit, well balanced foliage, some mildew, hardiness questionable. Porter (1 pl 6 yrs 19" SK): Double bloom, nearly exhibition form, excellent substance, in clusters on short stems. A reliable performer with bright flowers, a good garden plant. Compact bushy grower, small foliage, hardiness OK with protection. Smallenberg (1 pl 1 yr 8" x 18" BC): 1 1/4" bloom, round petals, clear glowing red, mostly singles and some sprays of 3. Lovely little variety, always in bloom although not abundant. Suited to rockery, very rain tolerant, very long lasting on bush, definitely one to keep. No disease.

MY SUNSHINE, Min. (Bennett '86). MY (my), medium yellow aging soft orange/bright yellow stamens, single. No reports.

NEW BEGINNING, Min. (Saville '88). OB (ob), orange-red and yellow blend, 40-50 petals, AARS '89. Archibald (1 pl 2 yrs 12" SK): 2.5" double bloom, almost like a floribunda, exhibition form, excellent substance. This is a terrific miniature with large blossoms of such eye appeal. Thick bushy growth habit, clean large foliage, hardiness good. Caldwell (1 pl 2 yrs 15" ON): Colour a very bright orange and yellow, lots of bloom, dark green foliage edged red. Decker (1 pl 2 yrs 12" AK): Pleasant orange/cream blend, exhibition form, excellent substance, mostly singles, so-so on repeat bloom. Like the colour and form but was plagued with mildew even after alternating spraying with Rubigan and Funginex. Spreading growth habit. Heaslip (2 pls 1 yr 16" BC): First blooms were subject to vegetative centres, then exhibition form and very good substance. Compact grower, disease free.
Hopkins (1 pl 2 yrs 24" ON): Double bloom, garden/exhibition form, good substance. It grows and grows, dozens of blooms all season. Spreading growth habit, no disease, hardy. Magee (1 pl 2 yrs 20" ON): Double, decorative bloom in profusion, good substance, showy, a fine miniature. Strong bushy grower, foliage in proportion, a little blackspot, hardy.

NIGHTHAWK (DOHHAWK), Min. (Hardgrove '88). (mr), AOE '88. Lacroix (1 pl 1 yr 18" QC): Slow to get started this spring but doing very well now. High centred exhibition rose, nice deep red that doesn't fade, singles and clusters.

OLD GLORY, Min. (Benardella '88). MR (mr), medium red with yellow base. Award of Excellence. Archibald (1 pl 2 yrs 12" SK): 2 1/4" double bloom, exhibition form, excellent substance, single stems, frequent bloomer, very good red miniature. Mid size bush, large foliage, no disease, hardiness

good. Freeman (1 pl 1 yr 12" ON): Bright red with a touch of yellow at base, HT shape, excellent substance, large for height of plant but very showy, lots of bloom all summer. Dec. 2nd and two perfect blooms, it sure likes the cool weather. A very nice mini. Compact growth habit, some blackspot. Hopkins (1 pl 2 yrs 18" ON): Fairly large double bloom, good form and substance, but loose shaggy blooms blow fast. Compact growth habit, disease resistant, hardy. Kopecky (2 pls 2 yrs 18" NE): Large high centred exhibition bloom, excellent substance. Last year I thought this rose was too large to be a good show rose, this year it was the right size, winning the English box class at our Spring show. Does that make it one of the best minis to have, only time will tell. No disease so far, hardiness very good. Lacroix (1 pl 1 yr 18" QC): Excellent form and substance, opens fairly fast but lasts long showing beautiful yellow stamens. Porter (1 pl 3 yrs 12" SK): Fairly large double bloom, exhibition form, excellent substance, opens quickly, in small clusters or singles, long stems. I like the colour and flower form but wish it would produce more blooms. Upright open growth habit, disease free, hardiness OK with protection.

OLYMPIC GOLD, Min. (N. Jolly '83). MY (my), 31 petals.No reports. (Last year for reporting this rose).

ONTARIO CELEBRATION, Min. (Laver '84). OR (o-r), 35 petals. No reports.

ORANGE JEWEL, Min. (Kordes '87, not reg'd). (or). No reports.

ORANGE LOVE, Min. (Williams '86). OB (ob), 45 petals. No reports.

PARTYGLO, Min. (Williams '84). YB (yb), yellow with pink petal edges/yellow reverse, 35 petals. No reports.

PEGGY JANE, Min. (Peggy L. Utz '86). LP (lp), Light pink/ lighter petal edges and base. No reports.

PEGGY "T", Min. (King '88). MR (mr). No reports.

PHYLLIS SHACKELFORD, Min. (Moore '87). OB (ob). No reports.

PIERRINE, Min. (Williams '88). (mp). No reports.

PINK BOUNTY, Min. (Williams '84). MP (mp), medium pink/white base, 35 petals. No reports.

PINK PORCELAIN, Min. (Bennett '83). LP (lp), 23 petals.

No reports. (Last year for reporting this rose).

PINK SHERI, Min. (Rennie '85). LP (lp), light pink/light creamy yellow base, 18 petals. No reports.

PLATINUM LADY, Min. (Laver '88, intr. '89). M (m). No reports.

POTLUCK RED, Min. (Laver '88, intr. '89). DR (dr). Archibald (1 pl 2 yrs 8" SK): Large double bloom, definitely exhibition, excellent substance. I love the beautiful texture of the velvety red blooms. Short bush, clean small foliage, hardiness good.

POTLUCK YELLOW, Min. (Laver '85, intr. '86). MY (my), 20 petals. Porter (1 pl 2 yrs 10" SK): Double bloom with exhibition form, excellent substance, borne singly. Have not tried this one outdoors but it has bloomed well indoors under fluorescent lights. Last winter thrips on foliage were a near fatal problem but they did not bother blooms too much. Bushy compact grower, dark green foliage, no disease.

PRAIRIE SCHOONER, Min. (King '86). (rb), red/reverse yellow edged red, 22 petals. No reports.

PUCKER UP, Min. (Bennett '84). OR (o-r). 23 petals. No reports.

PUNKIN, Min. (Bennett '83). OB, (o-r). Porter (1 pl 2 yrs 13" SK): Light orange, decorative form, excellent substance, single bloom, only occasionally in bloom. Overwintered in a pot submerged in garden, left there all season which likely hampered growth and bloom, will transplant it in spring if it winters OK. Open growth habit, dark green foliage, no disease, hardiness OK with protection. (Last year for reporting this rose).

RADIANT, Min. (Benardella '87, intr. '88). OR (or). Lacroix (2 pls 2 yrs 36" QC): So called miniature climber. Excellent form, exceptional substance, pure orange red with white at base of petals, light fruity fragrance. Extremely free bloomer, long cutting stems. Winter hardy.

RAINBOW'S END, Min. (Saville '84). YB (yb), deep yellow/ edged red, aging red all over, 35 petals, Award of Excellence '86. Brisbane (1 pl 1 yr 9" BC): Exciting colour combination, small bloom but exhibition form, excellent substance, long lasting. Mostly in small clusters, very floriferous. very good repeat bloom. I highly recommend this little gem. Small neat rounded bush, small foliage, no disease. Decker (2 pls 2 yrs 12" AK): Double bloom, high centred exhibition form, excellent substance, long lasting on plant, in small clusters. Lots of blooms and medium frequency of bloom cycle. I like this

rose, showy and pleasing colour change. Shiny dark green foliage, healthy. Lacroix (3 pls 3 yrs 16" BC): Excellent form and substance, mostly in clusters, short stems, excellent garden variety. Winter hardy.

RAINDROPS, Min. (Saville '89). (mb), lavender/cream reverse. Decker (1 pl 1 yr AK): 1st year plant slow to grow, no blooms. Will re-evaluate next year.

RED LOVE, Min. (Williams '84). MR (mr) 35 petals. No reports.

REGINE, Min. (J. Hefner '89). (pb), soft pink blend, Award of Excellence '90. Decker (1 pl 1 yr AK): Another 1st year plant, slow to grow, no blooms. Will re-evaluate next year.

RING OF FIRE, Min. (Moore '86, intr. '87). YB (yb). Award of Excellence. Lacroix (1 pl 1 yr 12" QC): Decorative form, good substance, not exhibition but very showy, excellent garden colour. Weak stems.

ROBIN RED BREAST, Min. (Interplant '83, intr. '84). RB (rb), dark red with white eye/silver reverse. No reports.

ROLLER COASTER (MINNIE MOUSE), Min. (McGredy '87). RB (rb). No reports.

ROSE GILARDI, Min. (Mini-moss) (Moore '87). RB (rb), red with white stripes, 9 petals. No reports.

ROYALGLO, Min. (Williams '86). M (m), 40 petals. No reports.

RUTHIE, Min. (Bennett '88). W (w). No reports.

SACHET, Min. (Saville '86). M (m), lavender/yellow stamens, 30 petals. No reports.

SAINT MARY, Min. (Moore '86). M (m), deep red-purple. No reports.

SANS SOUCI, Min. (Laver '86). DP (dp), deep fuchsia pink. Magee (1 pl 1 yr 10" ON): Attractive colour, double bloom, HT bud, good substance. First year looked promising. Bushy grower, foliage in proportion, quite disease-free.

SCARLET MOSS, Min. (Mini-moss). (Moore '88). (mr), 10 petals. Porter (1 pl 2 yrs 15" SK): Double bloom, calyx fairly mossy, excellent substance, not quite as floriferous as I would like, will keep it for its mossy characteristics.

Low, fairly bushy growth habit, attractive dark green foliage, some mildew, hardiness OK with protection.

SHELLEY RENEE, Min. (Saville '88, intr. '89). (pb). Magee (1 pl 1 yr 8" ON): Attractive smallish buds and blooms, lovely colour, HT form, good substance. A very attractive small compact bush, foliage in proportion, quite disease free.

SHOWBOUND, Min. (Laver '89). OB (ob). Archibald (1 pl 1 yr 9" SK): Mid size double bloom, exhibition form, good substance, small clusters, most always in bloom, a good white miniature. Short bushy growth habit, clean foliage, no disease.

SMALL SLAM, Min. (Laver '87). DR (dr), 50 petals. No reports.

SNOWBOUND, Min. (Laver '89). W (w) Mychaluk (1 pl 1 yr AB): One bloom, not exhibition, substance OK, for me not a showbound rose. Bushy compact grower, small closely stacked foliage, mildews.

SNOWFALL, Cl. Min. (Lemrow '88). (w). No reports.

SUMMER BEAUTY, Min. (Williams '86). DY (dy), 45 petals.
No reports.

SUN PRINCESS, Min. (Laver '83 intr. '84). PB (pb), light salmon pink, 35 petals. Lacroix (1 pl 2 yrs 12" QC): One of the best garden varieties that I grow, will increase. Decorative form, excellent substance, light pink with a peachy apricot centre, profuse bloomer in clusters on low bushy plant. Highly recommended. Very winter hardy. Smallenberg (1 pl 1 yr 15" ON): 1 1/4" shell pink bloom, decorative form, good substance, long lasting, floriferous and quick to repeat. Nice garden variety, always in bloom, good rain tolerance. Has robust appearance while remaining mini in form, definitely worth keeping. Dark green glossy foliage, no disease.

SURFER GIRL, Min. (Rennie '88). (or), coral pink. No reports.

SWAN SONG, Min. (McCann '88). (w). Porter (1 pl 1 yr 4" SK): Double bloom, average size, exhibition form, good substance but rarely in bloom. I ordered this one because of its fragrance and the fact that it is a seedling of the very fragrant floribunda, Margaret Merril. Received a weak plant and it has remained that way, giving few flowers. I lost Margaret Merril over the winter and was told Swan Song is on the tender side too. Intend to bring it inside for the winter and grow it under lights. Medium green foliage, no disease.

SWEET BUTTERFLY, Min. (Laver '89). M (m). No reports.

SWEET CHARIOT, Min. (Moore '84). MB (mb), lavender. Archibald (1 pl 1 yr 16" SK): Mid-size double bloom in the largest clusters I have seen on a miniature, have never seen so many blooms at once. Decorative form, good substance. Tall bush, smallish foliage, some mildew.

TARA ALLISON, Min. (McGredy '87). OR (mr). No reports.

TEDDY BEAR, Min. (Saville '89). (r). Lacroix (1 pl 1 yr 16" QC): A truly russet-terracotta colour, very different. Good decorative form, excellent substance, good bloom production, singly and in clusters, fragrant. A novelty worth growing. Magee (1 pl 1 yr 10" ON): Medium sized buds and open flowers, fair HT form, good substance. Colour is its greatest asset, deep bronze buds opening to subdued burnt orange blooms, turning reddish with age. Compact growth habit, dark foliage in proportion, quite disease- free.

TWILIGHT TRAIL, Min. (Williams '85). MB (mb), lavender-tan, 35 petals. No reports.

WHISTLE STOP, Min. (McGredy '88, intr. '89). (rb), white with magenta stripes. No reports.

WHY NOT, Min. (Moore '83). RB (rb), medium red/yellow eye, 7 petals. No reports. (Last year for reporting this rose).

WILFRID H. PERRON, Min. (Laver '89, intr. '88). MP (mp), coral pink. Archibald (2 pls 3 yrs 8" SK): Mid-size to large double bloom and always lots of them. Colour is actually shrimp pink, an exceptional pink mini. Short bushy growth habit, clean small foliage, disease free, hardiness excellent. Caldwell (2 pls 2 yrs 10" ON): Very full blooms, remind me of Sexy Rexy. Blooms quite large for size of plant but last very well. A favourite. Very compact growth habit, dainty foliage.

WINSOME, Min. (Saville '84). M (m), bright lilac-lavender, 40+ petals, Award of Excellence '85. Decker (1 pl 2 yrs 12" AK): High centred exhibition form bloom, good substance, in small clusters, always seems to be in bloom. Pleasant colour, another nice miniature. Typical miniature growth habit, lots of shiny dark green foliage, some mildew. Porter (1 pl 6 yrs 15" SK): Double bloom, decorative form, excellent substance, in clusters, continuous bloomer. A reliable performer for garden use. Bushy vigorous growth habit, dark green foliage, no disease, hardiness OK with protection.